HPE ProLiant DL360 Gen10 Server - Product Information Reference

Part Number:
Published:
Edition:

HPE ProLiant DL360 Gen10 Server - Product Information Reference

Abstract

Part Number:
Published:
Edition:

© Copyright –

Notices

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Confidential computer software. Valid license from Hewlett Packard Enterprise required for possession, use, or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Links to third-party websites take you outside the Hewlett Packard Enterprise website. Hewlett Packard Enterprise has no control over and is not responsible for information outside the Hewlett Packard Enterprise website.

Acknowledgments

Intel®, Itanium®, Optane™, Pentium®, Xeon®, Intel Inside®, and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

AMD and the AMD EPYC™ and combinations thereof are trademarks of Advanced Micro Devices, Inc.

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe® and Acrobat® are trademarks of Adobe Systems Incorporated.

Java® and Oracle® are registered trademarks of Oracle and/or its affiliates.

UNIX® is a registered trademark of The Open Group.

All third-party marks are property of their respective owners.

Revision history

Part number	Publication date	Edition	Summary of changes

Table of contents

Overview

- Summary 6
  - Product description 6
  - What's new 6
- Standard Models 6
  - New RoHS compliant part numbers 7
  - Pre-Configured models 7
  - Factory integrated models 15
  - Country code key 16
- Product features 16

Specifications

- Physical specifications 37
- Environmental specifications 37
- Electrical specifications 40
- Safety certifications 43

Compatibility/Supportability

- Spare Parts 43
  - New model specific parts lists 43
  - Mechanical Components 44
  - System Components 45
  - Server Options 69
- Option Parts 102
  - New model specific parts lists 103
  - Processors 103
  - Memory 118
  - Power supplies 120
  - Drives 121
  - Internal - 6G SATA-Dual M.2 enabling kits 137
  - Hard drive blank kits 138
  - Networking 138
  - HPE Computation and graphics accelerators 141
  - Embedded management 142
  - Converged infrastructure management software 143
  - PCIe Workload accelerator options 144

HPE Security 145
HPE Boot controllers 146
Storage controllers 146
HPE Storage 147
HPE Rack 148
USB and SD options 149
HPE Support services 149
Unique options 150
Cables 153
HPE Smart IO 154
Software Compatibility 155
OS Compatibility 155
Useful Links 157

Summary

Subtopics

Product description
What's new

Product description



The HPE ProLiant DL360 Gen10 server delivers security, agility and flexibility without compromise. The HPE ProLiant DL360 Gen10 Server supports the Intel Xeon Scalable Processor Family with up to 28 cores, plus 2933 MT/s HPE DDR4 SmartMemory supporting up to 3.0TB max. With the added performance that HPE Persistent Memory and 10 NVMe bring, the HPE ProLiant DL360 Gen10 means business. Deploy this dense platform for diverse workloads in space constrained environments and maintain it with ease by automating the most essential server lifecycle management tasks with HPE OneView and HPE iLO 5.

What's new

- BTO SKUs with Broadcom controller support

Standard Models

Subtopics

New RoHS compliant part numbers
Pre-Configured models
Factory integrated models
Country code key

New RoHS compliant part numbers

To find the latest RoHS compliance information, please use the HPE PartSurfer (**Click here to visit HPE PartSurfer website**) and click on one of the linked model numbers. When locating RoHS information in PartSurfer, user can use the Option part number for the components, the sales order number for a system that the component is used in, or the Spare part number for a specific part. User can find the sales order numbers and Option part numbers in the Product QuickSpecs.

Pre-Configured models

Table 1. Powered by 2nd generation Intel Xeon processors

Description	Model Number
Network Choice (NC) models	
HPE ProLiant DL360 Gen104210R 2.4 GHz 10-core 1P32GB-R P408i-a NC 8SFF800 W PS Server	P40637-B21 **Click here to obtain the parts list of this model**.
	P40637-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6242 2.8 GHz 16-core 1P 32GB-R P408i-a NC 8SFF 800 W PS Server	P19180-B21 **Click here to obtain the parts list of this model**.
	P19180-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4210R 2.4 GHz 10-core 1P 16GB-R P408i-a NC 8-Small Form Factor (SFF) 500 W Power Supply (PS) server	P23578-B21 **Click here to obtain the parts list of this model**.
	P23578-291 **Click here to obtain the parts list of this model**.
	P23578-AA1 **Click here to obtain the parts list of this model**.

Description	Model Number
HPE ProLiant DL360 Gen10 4214R 2.4 GHz 12-core 1P 32GB-R P408i-a NC 8-SFF 500 W PS server	P23579-B21 **Click here to obtain the parts list of this model**.
	P23579-291 **Click here to obtain the parts list of this model**.
	P23579-AA1 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6226R 2.9 GHz 16-core 1P 32GB-R MR416i-a NC 8SFF BC 800 W PS Server	P56953-B21 **Click here to obtain the parts list of this model**.
	P56953-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1P 64GB-R E208i-a NC 8SFF 960GB 500 W RPS Server	P63679-B21 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4210R 2.4 GHz 10-core 1P 32GB-R P408i-a 8SFF 800 W PS Server	P50750-B21 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen104215R 3.2 GHz 8-core 1P32GB-R P408i-a NC 8SFF800 W PS Server	P40638-B21 **Click here to obtain the parts list of this model**. P40638-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4215R 3.2 GHz 8-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40409-B21 [1] **Click here to obtain the parts list of this model**. P23577-B21 **Click here to obtain the parts list of this model**.
	P40409-291 [1] **Click here to obtain the parts list of this model**. P23577-291 **Click here to obtain the parts list of this model**.

Description	Model Number
HPE ProLiant DL360 Gen105218R 2.1 GHz 20-core 1P32GB-R P408i-a NC 8SFF800 W PS Server	P36183-B21 **Click here to obtain the parts list of this model**. P36183-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5218R 2.1 GHz 20-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40408-B21 [1] **Click here to obtain the parts list of this model**. P24740-B21 **Click here to obtain the parts list of this model**.
	P40408-291 [1] **Click here to obtain the parts list of this model**. P24740-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5220R 2.2 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40407-B21 [1] **Click here to obtain the parts list of this model**. P24741-B21 **Click here to obtain the parts list of this model**.
	P40407-291 [1] **Click here to obtain the parts list of this model**. P24741-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6226R 2.9 GHz 16-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P24742-B21 **Click here to obtain the parts list of this model**.
	P24742-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6248R 3.0 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40405_B21 [1] P24743-B21 **Click here to obtain the parts list of this model**.

Description	Model Number
	P40405_291 [1] P24743-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5220 2.2 GHz 18-core 2P 64GB-R P408i-a NC 8-SFF 800 W Redundant Power Supply (RPS) server	P40401-B21 [1] **Click here to obtain the parts list of this model**. P19771-B21 **Click here to obtain the parts list of this model**.
	P40401-291 [1] **Click here to obtain the parts list of this model**. P19771-291 **Click here to obtain the parts list of this model**.
	P40401-AA1 [1] **Click here to obtain the parts list of this model**. P19771-AA1 [1]
HPE ProLiant DL360 Gen10 5218R2.1 GHz 20-core 1P 32GB-RMR416i-a NC 8SFF BC 800 W PS Server	P56952-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4215R3.2 GHz 8-core 1P 32GB-R MR416i-a NC 8SFF BC 800 W PS Server	P56957-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 52182.3 GHz 16-core 1P 32GB-RMR416i-a NC 8SFF BC 800 W PS Server	P56958-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 42082.1GHz 8-core 1P 32GB-R MR416i-a 8SFF BC 800W PS Server	P56955-B21 **Click here to obtain the parts list of this model**.
	P56955-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4214R2.4 GHz 12-core 1P 32GB-RMR416i-a 8SFF BC 800 W PS Server	P56951-421 **Click here to obtain the parts list of this model**.

Description	Model Number
HPE ProLiant DL360 Gen10 4210R2.4 GHz 10-core 1P 32GB-RMR416i-a 8SFF BC 800 W PS Server	P56956-421 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 42082.1 GHz 8-core 1 P 64GB-R P408i-a8SFF 800 W PS Server	P69746-005 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4210R2.4 GHz 10-core 1P 64GB-R P408i-a8SFF 800 W PS Server	P69748-005 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 42082.1 GHz 8-core 1 P 64GB-R P408i-a8SFF 800 W RPS EMEA Server	P71373-425 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6248 2.5 GHz 20-core 2P 64GB-R P408i-a NC 8-SFF 800 W RPS server	P40400-B21 [1] **Click here to obtain the parts list of this model**. P19772-B21 **Click here to obtain the parts list of this model**.
	P40400-291 [1] **Click here to obtain the parts list of this model**. P19772-291 **Click here to obtain the parts list of this model**.
	P40400-AA1 [1] **Click here to obtain the parts list of this model**. P19772-AA1 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 3204 1.9 GHz 6-core 1 P 16GB-R S100i NC 4-LFF 500 W PS server	P19780-291 **Click here to obtain the parts list of this model**.
	P19780-AA1 [1] **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1 P 32GB-R P408i-a NC 8SFF 800 W PS Server	P40636-B21 **Click here to obtain the parts list of this model**. P40636-291

Description	Model Number
	Click here to obtain the parts list of this model.
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1 P 16GB-R P408i-a NC 8-SFF 500 W PS server	P19774-B21 **Click here to obtain the parts list of this model**.
	P19774-291 **Click here to obtain the parts list of this model**.
	P19774-AA1 [1]
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1 P 16GB-R S100i NC 4-LFF 500 W PS server	P19776-B21 **Click here to obtain the parts list of this model**.
	P19776-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4210 2.2 GHz 10-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P19779-B21 **Click here to obtain the parts list of this model**.
	P19779-291 **Click here to obtain the parts list of this model**.
	P19779-AA1 [1]
HPE ProLiant DL360 Gen10 4214 2.2 GHz 12-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P19775-B21 **Click here to obtain the parts list of this model**.
	P19775-291 **Click here to obtain the parts list of this model**
	P19775-AA1 [1]
HPE ProLiant DL360 Gen10 5217 3.0 GHz 8-core 1 P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19176-B21 **Click here to obtain the parts list of this model**.
	P19176-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5218 2.3 GHz 16-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19777-B21

Description	Model Number
	Click here to obtain the parts list of this model.
	P19777-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5220 2.2 GHz 18-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19177-B21 **Click here to obtain the parts list of this model**.
	P19177-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 5222 3.8 GHz 4-core 1 P 32GB-R P408i-a NC 8-SFF 800 W PS server	P40404-B21 [1] **Click here to obtain the parts list of this model**. P19178-B21 **Click here to obtain the parts list of this model**.
	P40404-291 [1] **Click here to obtain the parts list of this model**. P19178-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6230 2.1 GHz 20-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19778-B21 **Click here to obtain the parts list of this model**.
	P19778-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6234 3.3 GHz 8-core 1 P 32GB-R P408i-a NC 8-SFF	P40403-B21 [1] **Click here to obtain the parts list of this model**. P19179-B21 **Click here to obtain the parts list of this model**.
	P40403-291 [1] **Click here to obtain the parts list of this model**. P19179-291

Description	Model Number
	Click here to obtain the parts list of this model.
HPE ProLiant DL360 Gen10 6242 2.8 GHz 16-core 1P 32GB-R P408i-a NC 8-SFF	P40402-B21 [1] **Click here to obtain the parts list of this model**. P19180-B21 **Click here to obtain the parts list of this model**.
	P40402-291 [1] **Click here to obtain the parts list of this model**. P19180-291 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 6250 3.9 GHz 8-core 1 P 32GB-R S100i NC 8-SFF 800 W PS server	P40399-B21 [1] **Click here to obtain the parts list of this model**. P24744-B21 **Click here to obtain the parts list of this model**.
	P40399-291 [1] **Click here to obtain the parts list of this model**. P24744-291 **Click here to obtain the parts list of this model**.
China specific NC models	
HPE ProLiant DL360 Gen10 3206R 1.9 GHz 8-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P23575-AA1 **Click here to obtain the parts list of this model**.
HPE ProLiant DL360 Gen10 4215R 3.2 GHz 8-core 1P 32GB-R S100i NC 8SFF 800 W PS server	P23577-AA1 **Click here to obtain the parts list of this model**.

NOTE

The B21 WW SKU is to be ordered in all countries other than Japan or China.

1. Direct link to the parts list will be added as soon as it becomes available.

Factory integrated models

Description	Model Number
NC Models	
HPE DL360 Gen10 4-LFF NC Configure-to-Order (CTO) server	P19765-B21 **Click here to obtain the parts list of this model**
HPE DL360 Gen10 4-LFF NC CTO Trade Agreement Act (TAA) compliant server	P19768-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 8-SFF NC CTO server	P19766-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 8-SFF NC CTO TAA-compliant server	P19769-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 Premium 10NVMe NC CTO server	P19767-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 Premium 10NVMe NC CTO TAA-compliant server	P19770-B21 **Click here to obtain the parts list of this model**.
CTO Models with embedded LOM	
HPE DL360 Gen10 4-LFF CTO server	867958-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 4-LFF CTO TAA-compliant server	875965-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 8-SFF CTO server	867959-B21 **Click here to obtain the parts list of this model**.
HPE DL360 Gen10 8-SFF CTO TAA-compliant server	875966-B21 **Click here to obtain the parts list of this model**.

Description	Model Number

NOTE

- Factory integrated models must start with a CTO server.
- FIO Indicates that this option is only available as a factory installable option.
- All factory integrated models will be populated with sufficient hard drive blanks based o n number of drives ordered with server.
- Some options may not be integrated at the factory. Contact local sales representative fo r additional information.

Country code key

Country	Key
Worldwide	B21
Japan	291
China	AA1

Product features

Feature	Description
Processors [1]	

Table 1. 2nd Generation Intel Xeon scalable processor family

Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Platinum processors [2, 3, 4, 5, 6, 7]							

Feature	Description							
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Platinum 8280 processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8280L processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8280M processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Platinum 8276 processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8276L processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8276M processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Platinum 8270 processor	2.7 GHz	26	35.75MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8268 processor	2.9 GHz	24	35.75MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260 processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260L processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8260M processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	2TB

Feature	Description							
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Platinum 8260Y processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
		2.5 GHz	20					
		2.7 GHz	16					
	Platinum 8256 processor	3.8 GHz	4	16.50MB	105 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8253 processor	2.2 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold processors	3, 4, 5, 6, 7, 8						
	Gold 6262V processor	1.9 GHz	24	33.00MB	135 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6254 processor	3.1 GHz	18	24.75MB	200 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6252 processor	2.1 GHz	24	35.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6252N processor	2.3 GHz	24	35.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6248 processor	2.5 GHz	20	27.5MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6246 processor	3.3 GHz	12	24.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6244 processor	3.6 GHz	8	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description							
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 6242 processor	2.8 GHz	16	22MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240 processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240Y processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
		2.8 GHz	14					
		3.1 GHz	8					
	Gold 6240L processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Gold 6240M processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Gold 6238 processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6238L processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Gold 6238M processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Gold 6234 processor	3.3 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6230 processor	2.1 GHz	20	27.5MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description							
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 6230N processor	2.3 GHz	20	27.50MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6226 processor	2.7 GHz	12	19.25MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6222V processor	1.8 GHz	20	27.50MB	115 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6212U processor	2.4 GHz	24	35.75MB	165 W	NA	2933 MT/s	1TB
	Gold 6210U processor	2.5 GHz	20	27.50MB	150 W	NA	2933 MT/s	1TB
	Gold 6209U processor	2.1 GHz	20	27.50MB	125 W	NA	2933 MT/s	1TB
	Gold 6208U processor	2.9 GHz	16	22MB	150 W	NA	2933 MT/s	1TB
	Gold 5222 processor	3.8 GHz	4	16.5MB	150 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 5220 processor	2.2 GHz	18	24.75MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5220S processor	2.7 GHz	18	24.75MB	125 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 5218 processor	2.3 GHz	16	22MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB

Feature	Description							
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 5218N processor [9]	2.3 GHz	16	22MB	110 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218B processor [9]	2.3 GHz	16	22MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5217 processor	3.0 GHz	8	11MB	115 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5215 processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5215L processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	4.5TB
	Gold 5215M processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	2TB
	Silver processors [4, 6, 7, 10, 11, 12]							
	Silver 4216 processor	2.1 GHz	16	22MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4215 processor	2.5 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214R processor	2.4 GHz	12	16.5MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214Y processor	2.2 GHz	12	16.5MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
		2.3 GHz	10					
		2.4 GHz	8					

Feature	Description

Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Silver 4214 processor	2.2 GHz	12	16.5MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4210R processor	2.4 GHz	10	13.75MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4210 processor	2.2 GHz	10	13.75MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4208 processor	2.1 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Bronze processors [7, 11, 12, 13, 14, 15]							
Bronze 3204 processor	1.9 GHz	6	8.25MB	85 W	2 @ 9.6 GT/s	2133 MT/s	1TB
Bronze 3206R processor	1.9 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2133 MT/s	1TB

Table 2. 1st Generation Intel Xeon scalable processor family

Intel Xeon models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Platinum processors [6, 7, 16, 17, 18]							
Platinum 8180M processor	2.5 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
Platinum 8180 processor	2.5 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB

Feature	Description							
	Intel Xeon models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Platinum 8176 processor	2.1 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8170 processor	2.1 GHz	26	35.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8168 processor	2.7 GHz	24	33.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8165 processor	2.3 GHz	24	33.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8164 processor	2.0 GHz	26	35.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8160M processor	2.1 GHz	24	33.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
	Platinum 8160 processor	2.1 GHz	24	33.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8158 processor	3.0 GHz	12	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8156 processor	3.6 GHz	4	16.50MB	105 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8153 processor	2.0 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold processors [7, 17, 19, 20, 21]							

Feature	Description							
	Intel Xeon models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 6154 processor	3.0 GHz	18	24.75MB	200 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6152 processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6150 processor	2.7 GHz	18	24.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6148 processor	2.4 GHz	20	27.50MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6146 processor	3.2 GHz	12	24.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6144 processor	3.5 GHz	8	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6143 processor	2.8 GHz	16	22.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6142 processor	2.6 GHz	16	22.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6140 processor	2.3 GHz	18	24.75MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6138 processor	2.0 GHz	20	27.50MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6136 processor	3.0 GHz	12	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB

Feature	Description							
	Intel Xeon models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 6134M processor	3.2 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
	Gold 6134 processor	3.2 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6132 processor	2.6 GHz	14	19.25MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6130 processor	2.1 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2666 MT/	768GB
	Gold 6128 processor	3.4 GHz	6	19.25MB	115 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6126 processor	2.6 GHz	12	19.25MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 5122 processor	3.6 GHz	4	16.50MB	105 W	2 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 5120 processor	2.2 GHz	14	19.25MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5118 processor	2.3 GHz	12	16.50MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5117 processor	2.0 GHz	14	19.25MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5115 processor	2.4 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2400 MT/s	768GB

Feature	Description							
	Intel Xeon models	**CPU Frequency**	**Cores**	**L3 Cache**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Silver processors [6, 7, 10, 22, 23]							
	Silver 4116 processor	2.1 GHz	12	16.50MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4114 processor	2.2 GHz	10	13.75MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4112 processor	2.6 GHz	4	8.25MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4110 processor	2.1 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4108 processor	1.8 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Bronze processors [7, 13, 15, 23]							
	Bronze 3106 processor	1.7 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2133 MT/s	768GB
	Bronze 3104 processor	1.7 GHz	6	8.25MB	85 W	2 @ 9.6 GT/s	2133 MT/s	768GB

Public Intel offering [24]	Processor suffix	Description	Offering
	L	Large memory tier	Up to 4.5TB addressable memory per socket
	M	Medium memory tier	Up to 2.0TB addressable memory per socket
	N	NFV optimized	Targeted at Network Function Virtualization (NFV) workloads. Intel SST-BF improves perfor

Feature	Description

Processor suffix	Description	Offering
		mance by directing base frequency to high pr iority/bottleneck cores, other workloads may s ee throttling
S	Search optimized	Optimized base frequency to address 'search' workloads, other workloads may see throttlin g
U	1 Socket optimized	Focused on single socket (1P) configurations deliver performance at competitive price poin ts. Does not support two socket (2P) arrange ments
V	VM Density optimiz ed	Fosters enhanced VM density, allowing to sup port more/larger virtual machines per host
Y	Speed select	Intel SST-PP increases base frequency when fewer cores are enabled. Allows greater flexib ility, deployment options and platform longevi ty

Form factor	1 U Rack
Chassis types	• 8 Small Form Factor (SFF) chassis with options supporting: +2 SFF or 2 NVMe or 2 dual uFF (4 x M.2 Cartridges) • 10 SFF NVMe Premium chassis • 4 LFF Chassis
System fans	Single rotor hot plug fans will be included **For 4 LFF and 8 SFF chassis:** • 1 CPU - Includes 5 standard fans • 2 CPUs - Includes 7 standard fans **For 10 NVMe premium chassis:** 2 CPUs - Includes 7 high performance fans as standard
Graphics	**Integrated video standard** • Video modes up to 1920 x 1200 - 60 Hz (32 bp)

Feature	Description	
	• 16MB video memory • HPE iLO 5 on system management memory • 32MB flash • 4Gb DDR3 with ECC protection	
Embedded management	**HPE iLO**	Monitor users servers for ongoing management, service alerting, reporting and remote management with HPE iLO
	UEFI	Configure and boot users servers securely with industry standard UEFI
	Intelligent provisioning	Hassle free server and Operating System (OS) provisioning for one or more servers with intelligent provisioning
	iLO RESTful API	iLO RESTful API is Redfish API conformance and offers simplified server management automation such as configuration and maintenance tasks based on modern industry standards
Security	• UEFI secure boot and secure start support • Immutable silicon root of trust • FIPS 140-2 validation (iLO 5 certification in progress) • Common criteria certification (iLO 5 certification in progress) • Configurable for PCI DSS compliance • AES and TDES on browser • Support for Commercial National Security Algorithms (CNSA) • iLO security modes including a new iLO advanced premium security license • Granular control over iLO interfaces • Smart card (PIV/CAC) and Kerberos based 2-factor authentication • Tamper-Free updates - Components digitally signed and verified • Secure recovery - Recover critical firmware to known good state on detection of compromised firmware. • Ability to rollback firmware	

Feature	Description
	• Secure erase of NAND • TPM 1.2 option • TPM 2.0 option • Bezel locking kit • Chassis instruction detection option
Chipset	Intel C621 chipset **Click here to access more information on Intel chipsets**.
System management chipset	HPE iLO 5 ASIC **Click here to access HPE iLO QuickSpecs for more details**.
Memory [25]	**Type**: **HPE DDR4 SmartMemory Registered (RDIMM), Load Reduced (LRDIMM)** DIMM Slots available: 24 (12 DIMM slots per processor, 6 channels per processor, 2 DIMMs per channel) Maximum capacity (LRDIMM): 3.0TB (24 x 128GB LRDIMM - 2933 MT/s) Maximum capacity (RDIMM): 1.54GB (24 x 64GB RDIMM - 2933 MT/s) Maximum capacity (HPE Next-Generation persistent memory): 6.0GB (12 x 512GB NVDIMM - 2666 MT/s) Maximum capacity (NVDIMM): 192GB (12 x 16GB NVDIMM - 2666 MT/s) **Click here to access Server memory population rules for HPE Gen10 servers with Intel Xeon Scalable Processors for more information**
Memory protection	**Advanced ECC**: Advanced ECC uses single device data correction to detect and correct single and all multibit error that occurs within a single DRAM chip **Online spare**: Memory online spare mode detects a rank that is degrading and switches operation to the spare rank

Feature	Description
Expansion slots	**Primary GPU riser**

Expansion slots	Technology	Bus width	Connector width	Processor	Slot form factor
1	PCIe 3.0	x16	x16	CPU1	Full-Height, 3/4 length (Up to 9.5 in)
2	PCIe 3.0	x8	x8	CPU1	Low profile
Primary SATA M.2 riser					
1	PCIe 3.0	x16	x16	CPU1	Full-Height; 3/4 length (Up to 9.5 in)
2	PCIe 3.0	x16	x16	CPU1	Low profile
Primary NVMe riser					
1	PCIe 3.0	x16	x16	CPU1	Full-Height; 3/4 length (Up to 9.5 in)
2	PCIe 3.0	x8	x8	CPU1	Low profile
Secondary riser					
3	PCIe 3.0	x16	x16	CPU2	• Low profile • Full-Height; 3/4 length (Up to 9.5 in)

Storage controllers	**NVMe Boot device** • HPE NS204i-p NVMe PCIe3 OS Boot device
	Software (SW) RAID [26]

Feature	Description		
	• HPE Smart array S100i SR Gen10 SW RAID **Click here to view more information regarding Implementing Linux Software RAID 1 on HPE ProLiant Servers**.		
	Essential RAID controllers • HPE Smart array E208i-a SR Gen10 controller • HPE Smart array E208i-a SR G10 LH controller • HPE Smart array E208i-p SR Gen10 controller • HPE Smart array E208e-p SR Gen10 controller		
	Performance RAID controllers [27] • HPE Smart array P408i-a SR Gen10 controller • HPE Smart array P408i-a SR G10 LH controller • HPE Smart array P408i-p SR Gen10 controller • HPE Smart array P408e-p SR Gen10 controller • HPE Smart array P816i-a SR Gen10 controller • HPE Smart array P816i-a SR G10 LH controller		
Internal storage devices	**Optical drive**	Available on 8 SFF and 4 LFF CTO chassis as an option (DVD-ROM or DVD-RW)	
	Hard drives	None ship standard	
Maximum storage	**Storage**	**Capacity**	**Configuration**
	Hot plug SFF SAS HDD	26.4TB	8+2+1 x 2.4TB (With optional UMB + rear drive option)
	Hot plug SFF SATA HDD	22TB	8+2+1 x 2.0TB (With optional UMB + rear drive option)
	Hot plug SFF SAS SSD	168.3TB	8+2+1 x 15.3TB (With optional UMB + rear drive option)

Feature	Description		
	Storage	**Capacity**	**Configuration**
	Hot plug SFF SATA SSD	84.48 TB	8+2+1 x 7.68 TB (With optional UMB + rear drive option)
	Hot plug SFF NVMe PCIe SSD	153.6 TB	10 x 15.36TB NVMe
	Hot plug LFF SAS HDD	72TB	4 x 18TB
	Hot plug LFF SATA HDD	72TB	4 x 18TB
	Hot plug LFF SAS SSD	7.68TB	4 x 1.92TB
	Hot plug LFF SATA SSD	7.68TB	4 x 1.92TB
Power supply	• HPE 500 W flex slot platinum hot plug low halogen power supply kit [28] • HPE 800 W flex slot platinum hot plug low halogen power supply kit [29, 30] • HPE 1600 W flex slot platinum hot plug low halogen power supply kit [28, 31]		
Interfaces	**Serial**	1 port - Optional	
	Video	• 1 Front - Display port (Optional 8 SFF and 4 LFF chassis only) • 1 Rear - VGA port (Standard on all chassis)	
	Network ports	• 4 x 1 GbE embedded NIC (Standard on all chassis) • 1 FlexibleLOM slot available on all chassis (Supporting various NICs adapters)	
	iLO remote management port	1Gb Dedicated	
	MicroSD slot	1 MicroSD slot	
	USB 3.0	Up to 5 total:	

Feature	Description	
		• 1-front, 2-rear, 2-internal (Standard on all chassis) • 1-optional USB 2.0 front (On 8 SFF and 4 LFF only)
	Systems Insight Display (SID)	Optional for all chassis
Industry standard compliance	• ACPI 6.1 compliant • PCIe 3.0 compliant • Wake On Lan (WOL) support • Microsoft logo certifications • PXE support • USB 3.0 compliant • USB 2.0 compliant (Only on optional universal media bay) • SMBIOS 3.1 • Unified Extensible Firmware Interface Forum 2.6 (UEFI) • Redfish API • IPMI 2.0 • Secure digital 4.0 • TPM 1.2 and 2.0 support • Advanced Encryption Standard (AES) • Triple Data Encryption Standard (TDES) • SNMP v3 • TLS 1.2 • DMTF Systems Management Architecture for Server Hardware Command Line (SMASH CLP) • Active directory v1.0 • ASHRAE A3/A4	

Feature	Description
	• Energy star: For new Energy Star 4.0 compliance, please go to HPE One Config Advanced for details. Compliant skus are listed withinP68503-B21 (ENERGY STAR 4.0 FIO Trigger Configuration Kit for HPE) • European Union Erp Lot 9European Union (EU) eco-design regulations for server and storage products, known as Lot 9, go into effect on March 1st,2020. Among other requirements, for servers this directive establishes power thresholds for idle state, as well as efficiencyand performance in active state which vary among configurations. HPE ProLiant Gen10 servers are compliant with Lot 9requirements. For more information regarding HPE Lot 9 conformance, please visit: **Click here to access the "ERP LOT9 DECLARATIONS".**
HPE server UEFI/ Legacy ROM	**UEFI Enables numerous new capabilities specific to HPE ProLiant servers such as:** • Secure Boot and Secure Start enable for enhanced security • Operating system specific functionality • Support for > 2.2TB (Using GPT) boot drives • USB 3.0 Stack • Embedded UEFI Shell • Mass Configuration Deployment Tool using iLO RESTful API that is Redfish API Conformant • PXE boot support for IPv6 networks • Workload Profiles for simple performance optimization **UEFI Boot Mode only:** • TPM 2.0 Support • NVMe Boot Support • • Platform Trust Technology (PTT) can be enabled • iSCSI Software Initiator Support • HTTP/HTTPs Boot support as a PXE alternative • Boot support for option cards that only support a UEFI option ROM **NOTE** • For UEFI Boot Mode, boot environment and OS image installations should be configured properly to support UEFI.

Feature	Description
	• UEFI FIO Setting (758959-B22) can be selected to configure the system in Legacy mode in the factory for your HPE ProLiant Gen10 Server.
HPE Complete Care Service	HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides: • A complete coverage approach -- edge to cloud • An assigned HPE team • Modular and fully personalized engagement • Enhanced Incident Management experience with priority access • Digitally enabled and AI driven customer experience

NOTE

1.
   - The 2nd digit of the processor model number “x1xx” and “x2xx” is used to denote the processor generation (i.e. 1=1st generation and 2=2nd generation).
   - Field upgrades from 1st generation processors (x1xx) to 2nd generation processors (x2xx) not supported.
   - “U” processors (i.e. 6212 U) only supported in single socket configurations.
2. 6-Channel DDR4 2933 MT/s.
3. 6TB max RAM (Larger than 2TB memory per socket on select SKUs).
4. Support for: HPE Persistent Memory, Vector Neural Network Instructions (VNNI) for inference acceleration.
5. 2 and 4 socket capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI 10.4 GT/s.
6. Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).
7. 48 lanes PCIe 3.0, advanced RAS.
8. 6-Channel DDR4 2933 MT/s (Gold 6200 & 5222 skus only), 2666 MT/s on all Gold 5200 skus (except 5222 2933 MT/s).
9. 5218B has consistent features with the 5218 processor but from a different die. Mixing both 5218B & 5218 in a system is not supported.
10. 6-Channel DDR4 2400 MT/s.
11. 2TB max RAM.
12. 2 and 4 socket capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 9.6 GT/s.
13. 6-Channel DDR4 2133 MT/s.
14. Support for: Intel Vector Neural Network Instructions (VNNI) for inference acceleration.
15. Intel AVX-512 (2x 512-bit FMA).

Feature	Description

16. 6-Channel 1DPC DDR4 2666 MT/s.
17. 768GB max memory capacity (1.5TB on select skus).
18. 2 and 4 socket capable, 2S - 2UPI, 4S - 3UPI, 8S - 3UPI 10.4 GT/s.
19. 6-Channel 1DPC DDR4 2400 MT/s (SKU 5122 - supports 2666 MT/s).
20. 2 and 4 socket capable, 2S - 2UPI, 4S - 3UPI 10.4 GT/s.
21. Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel AVX-512 (1x 512-bit FMA) (SKU 5122 - supports 2x 512 bit FMA).
22. 6-Channel DDR4 2400 MT/s, 768 GB max memory capacity.
23. 2 socket capable, 2S - 2UPI 9.6 GT/s.
24. This table covers the public Intel offering only.

    Click here to view for more information regarding Intel Xeon processors.

25.
    - NVDIMMs can only be mixed with RDIMMs.
    - A maximum of 12 NVDIMMs supported with 1st generation Intel Xeon Scalable processors.
    - HPE Persistent Memory only supported on 2nd generation Intel Xeon Scalable Processor series (Platinum 8200, Gold 6200, Gold 5200, Silver 4215 and 4215R).
    - Maximum memory per socket is dependent on processor selection. 2nd generation processors supporting 2TB or 4.5TB per CPU are indicated by the “M” and “L” in the processor model names (i.e. 8276M and 8276L).
    - 1st generation processors supporting 1.5TB per CPU are indicated by the “M” in the processor model names (i.e. 8160M).
    - Mixing of RDIMM and LRDIMM memory is not supported.
26.
    - All models come with the S100i Smart Array Controller with embedded software RAID support for up to 12 bays. The S100i uses 14 embedded SATA ports, but only 12 are available for bays as 2 are leveraged to support the M.2 connectors on the optional SATA M.2 capable primary riser (867978-B21).
    - HPE Smart Array S100i SR Gen10 SW RAID will operate in UEFI mode only. For legacy support an additional controller will be needed, and for CTO orders please also select the Legacy mode settings part, 758959-B22.
    - HPE Smart Array S100i SR Gen10 SW RAID is off by default and must be enabled.
    - The S100i supports Microsoft Windows Server only.
    - For Linux users, HPE offers a solution that uses in-distro open-source software to create a two-disk RAID 1 boot volume.
27. If GPGPU is needed then the LH controller (low profile heatsink) should be ordered to allow GPU to fit in the chassis.
28. Available in 94% efficiency.

Feature	Description

29. Available in 94% and 96% efficiency.
30. Also available in (-48) V dc and 227 V ac/380 V dc power inputs.
31. 1600 W Power supplies only support high line voltage (200 to 240 V ac).

Physical specifications

Specification	Description	
	SFF Drives	**LFF Drives**
Dimensions (H x W x D)	4.29 x 43.46 x 70.7 cm (1.69 x 17.11 x 27.83 in)	4.29 x 43.46 x 74.98 cm (1.69 x 17.11 x 29.5 in)
Weight (Approximate)	• **Minimum:** 13.04 kg (28.74 lb) (1 Drive, 1 processor, 1 power supply, 2 heatsinks, 1 Smart Array controller, and 5 fans) • **Maximum:** 16.27 kg (35.86 lb) (10 Drives, 2 processors, 2 power supplies, 2 heatsinks, 1 Smart Array controller and 7 fans)	• **Minimum:** 13.77 kg (30.36 lb) (1 Drive, 1 processor, 1 power supply, 2 heatsinks, 1 Smart Array controller and 5 fans) • **Maximum:** 16.78 kg (37 lb) (4 Drives, 2 processors, 2 power supplies, 2 heatsinks, 1 Smart Array controller and 7 fans)

Environmental specifications

Specification	Description	
System inlet temperature	**Standard operating support**	**Extended ambient operating support**
	• 10° to 35°C (50° to 95° F) at sea level with an alti	• For approved hardware configurations, the supported system inlet range is exten

Specification	Description	
	tude derating of 1.0°C pe r every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 30 50 m (10,000 ft), no dire ct sustained sunlight • Maximum rate of change is 20° C/hr (36° F/hr) • The upper limit and rate of change may be limited by the type and number of options installed • System performance duri ng standard operating su pport may be reduced if operating with a fan fault or above 30°C (86°F) • For approved hardware c onfigurations, the suppor ted system inlet range is extended to be: 5° to 10 °C (41° to 50°F) and 35° to 40°C (95° to 104°F) at sea level with an altitude derating of 1.0°C per eve ry 175 m (1.8°F per ever y 574 ft) above 900 m (2 953 ft) to a maximum of 3050 m (10,000 ft).	ded to be: 40° to 45°C (104° to 113°F) at sea level with an altitude derating of 1 .0°C per every 125 m (1.8°F per every 4 10 ft) above 900 m (2953 ft) to a maxim um of 3050 m (10,000 ft) • System performance may be reduced if o perating in the extended ambient operati ng range or with a fan fault
Relative humidity (Non-Condensing)	**Operating humidity**	**Non-Operating humidity**
	8% to 90% - Relative humidity, 28°C maximum wet bulb tem perature	5% to 95% Relative humidity, 38.7°C (101.7° F) maximum wet bulb temperature

Specification	Description
Altitude	

Operating	Non-Operating
3050 m (10,000 ft) (This value may be limited by the ty pe and number of options installed) Maximum allowable altitude change rate is 457 m/min (1500 ft/min)	9144 m (30,000 ft) Maximum allowable altitude change rate is 457 m/min (1500 ft/min)

Acoustic noise [1]

Listed are the declared A-Weighted sound power levels (LWAd) and declare d average bystander position A-Weighted sound pressure levels (LpAm) wh en the product is operating in a 23°C ambient environment. Noise emissions were measured in accordance with ISO 7779 (ECMA 74) and declared in acc ordance with ISO 9296 (ECMA 109).

Configuration SK U	Entry	Base	Performance
Idle			
LWAd	5.1 B	5.1 B	5.2 B
LpAm	35 dBA	35 dBA	36 dBA
Operating			
LWAd	5.3 B	5.2 B	5.9 B
LpAm	36 dBA	38 dBA	45 dBA

NOTE

1. Acoustics levels presented here are generated by the test configuration only. Acoustics l evels will vary depending on system configuration. Values are subject to change without not ification and are for reference only

Electrical specifications

Specification	Description
Input requirement (Per power supply)	**Rated line voltage** • **For 1600 W (Platinum):** 200-240 V ac • **For 800 W (Titanium) power supply:** 200-240 V ac • **For 800 W (Platinum):** 100-240 V ac • **For 800 W (Universal) power supply:** 200-277 V ac • **For 800 W (-48 V dc):** (-40) to (-72) V dc • **500 W (Platinum) power supply:** 100-240 V ac
BTU rating	**Maximum:** • **For 1600 W power supply:** ◦ 5918 BTU/hr (At 200 V ac) ◦ 5888 BTU/hr (At 220 V ac) ◦ 5884 BTU/hr (At 240 V ac) • **For 800 W (Titanium) power supply:** ◦ 2905 BTU/hr (At 200 V ac) ◦ 2899 BTU/hr (At 220 V ac) ◦ 2893 BTU/hr (At 240 V ac) • **For 800 W (Platinum) power supply:** ◦ 3067 BTU/hr (At 100 V ac) ◦ 2958 BTU/hr (At 200 V ac) ◦ 2949 BTU/hr (At 240 V ac) • **For 800 W (Universal) power supply:** ◦ 2964 BTU/hr (At 200 V ac) ◦ 2951 BTU/hr (At 230 V ac)

Specification	Description
	◦ 2936 BTU/hr (At 277 V ac) • **For 800 W (-48) V dc power supply:** ◦ 2983 BTU/hr (At (-40) V dc)) ◦ 2951 BTU/hr (At (-48) V dc) ◦ , 2912 BTU/hr (At (-72) V dc) • **For 500 W (Platinum) power supply:** ◦ 1902 BTU/hr (At 100 V ac) ◦ 1840 BTU/hr (At 200 V ac) ◦ 1832 BTU/hr (At 240 V ac)
Power supply output (Per power supply)	**Rated steady-state power:** • **For 1600 W power supply:** ◦ 1600 W (At 240 V ac) ◦ 1600 W (At 240 V dc) for china only • **For 800 W (Titanium) power supply:** ◦ 800 W (At 200 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) for china only • **For 800 W (Platinum) power supply:** ◦ 800 W (At 100 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) input for china only • **For 800 W (-48) V dc power supply:** ◦ 800 W (At (-40) V dc) ◦ 800 W (At (-72) V dc) • **For 800 W (Universal) power supply:** ◦ 800 W (At 200 V ac) ◦ 800 W (At 277 V ac)

Specification	Description

	• **For 500 W (Platinum) power supply:**
	  ◦ 500 W (At 100 V ac)
	  ◦ 500 W (At 240 V ac)
	  ◦ 500 W (At 240 V dc) input for china only

	Maximum peak power:
	• **For 1600 W power supply:**
	  ◦ 1600 W (At 200 to 240 V ac)
	  ◦ 1600 W (At 240 V dc) input for china only
	• **For 800 W (Titanium) power supply:**
	  ◦ 800 W (At 200 V ac)
	  ◦ 800 W (At 240 V ac)
	  ◦ 800 W (At 240 V dc) for china only
	• **For 800 W (Platinum) power supply:**
	  ◦ 800 W (At 100 V ac)
	  ◦ 800 W (At 240 V ac)
	  ◦ 800 W (At 240 V dc) input for china only
	• **For 800 W (Universal) power supply:**
	  ◦ 800 W (At 200 V ac)
	  ◦ 800 W (At 277 V ac)
	• **For 800 W (-48) V dc power supply:**
	  ◦ 800 W (At (-40) V dc)
	  ◦ 800 W (At (-72) V dc)
	• **For 500 W (Platinum) power supply:**
	  ◦ 500 W (At 100 V ac)
	  ◦ 500 W (At 240 V ac)
	  ◦ 500 W (At 240 V dc) input for china only

Safety certifications

Specifications	Description
Emissions Classification (EMC) - Regulatory information	To view the regulatory information for the product, view the Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at the Hewlett Packard Enterprise Support Center **Click here to view the Safety and Compliance Information for Server, Storage,Power, Networking, and Rack Products (Multilingual)**.

Spare Parts

Subtopics

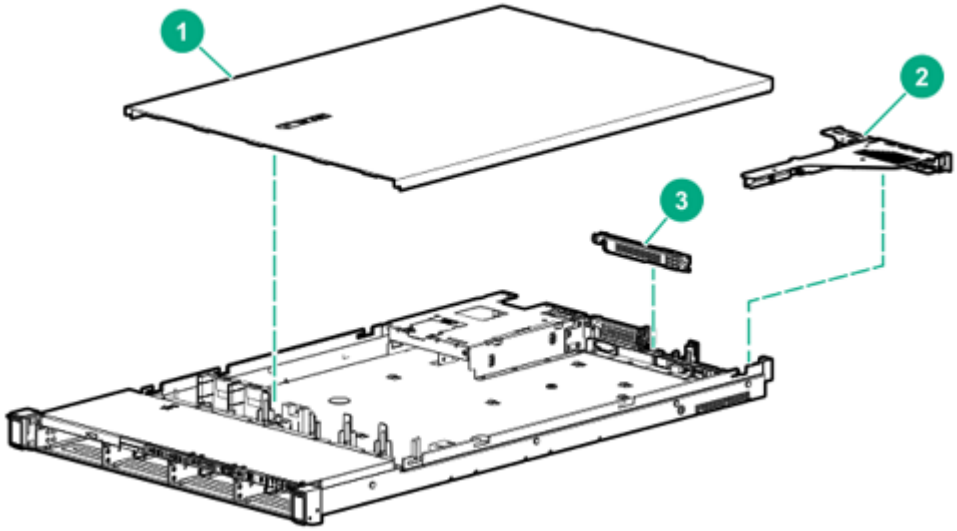
New model specific parts lists
Mechanical Components
System Components
Server Options

New model specific parts lists

IMPORTANT: To obtain current part number information for a specific product model, use the Standard Models page for this product family.

- The product Standard Models page now links the model SKU numbers to the spare parts list for each model found on the HPE PartSurfer website. (To report missing or incorrect parts information in PartSurfer, please use the "Contact us" and "Missing or incorrect data" links within the PartSurfer website utility).
- To look up RoHS-compliant information in PartSurfer, use the component's option part number or the sales order number for a system in which the component is used (Available in the QuickSpecs or Standard Models page).

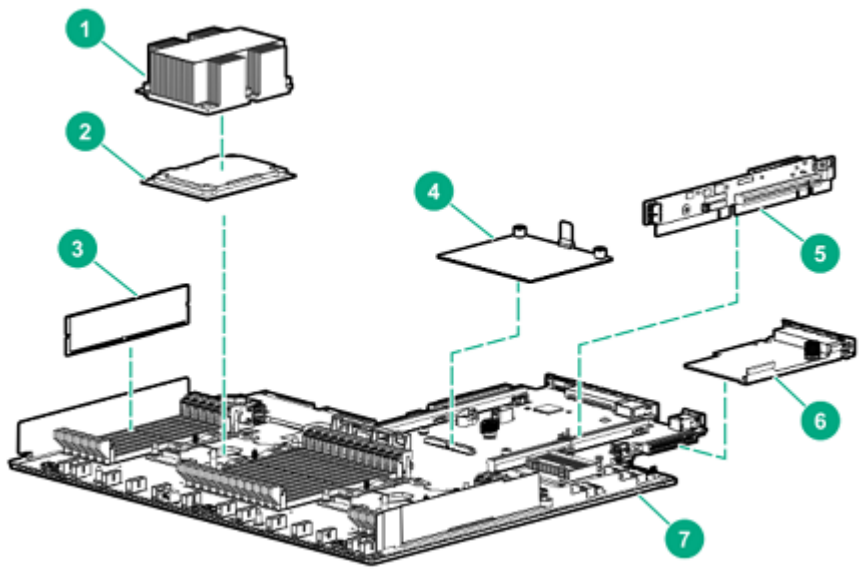
Mechanical Components



Item	Description	PartNumber
1	**Access panel**	
	Hood with label	875536-001
2	**PCIe riser cage**	
	Secondary riser and cage x16 low profile (LP)	875539-001
	Secondary riser x16 full height (FH) tertiary includes cage and cables	875540-001
3	**PCIe riser blank**	
	Blank slotted PCI riser	875537-001
4	**Miscellaneous blank**	
	DL560/DL360 Gen9 blank cover kit - Contains power supply blank cover, Flexible LOM blank cover, fan slot blank, and Heat Sink blank	775423-001
5	**Server ear and front bezel**	
	Ear left plus labels	875541-001
	Ear right plus labels	875542-001
	1U bezel	875561-001

Item	Description	PartNumber
6	**Rack mounting hardware**	
	Rack mounting easy install kit 1U - For 1U server models with Small Form Factor (SFF) drives - Includes left and right friction type slide rails	875544-001
	ack mounting easy install kit 1U - For 1U server models with Large Form Factor (LFF) drives - Includes left and right friction type slide rails	744112-001
	SFF ball bearing rail kit	875543-001
	Rack mounting rail kit - For 1U server models with LFF drives - Includes left and right telescoping ball bearing type slide rails	675041-001
7	**Cable management arm**	
	Cable management arm easy install kit - Guides the power and interface cables to prevent binding when the server is slid in and out of the rack - Mounts to the rear of the rack	744113-001

System Components



Item	Description	PartNumber
1	**Heatsink**	
	Standard 1U Heat sink	872452-001
	Heatsink 1U high performance	872453-001
2	**Processor**	
	First Generation Intel Xeon Scalable Processors	
	31XX processor	
	Intel Xeon Bronze 3104 six-Core 64-bit processor - 1.70 GHz (Skylake), 8.25MB Level-3 cache, 85 W Thermal Design Power (TDP), socket FCLGA3647	875709-001
	Intel Xeon Bronze 3106 eight-Core 64-bit processor - 1.70GHz (Skylake), 11MB Level-3 cache, 85 W thermal design power (TDP), socket FCLGA3647	875710-001
	41XX processor	
	Intel Xeon Silver 4108 eight-Core 64-bit processor - 1.80 GHz (Skylake), 11MB Level-3 cache, 85 W thermal design power (TDP), socket FCLGA3647	875712-001
	Intel Xeon Silver 4110 eight-Core 64-bit processor - 2.10 GHz (Skylake), 11MB Level-3 cache, 85 W Thermal Design Power (TDP), socket FCLGA3647	875711-001
	Intel Xeon Silver 4112 four-Core 64-bit processor - 2.60 GHz (Skylake), 8.25MB Level-3 cache, 85 W thermal design power (TDP), socket FCLGA3647	875714-001
	Intel Xeon Silver 4114 Ten-Core 64-bit processor - 2.20 GHz (Skylake), 13.75MB Level-3 cache, 85 W thermal design power (TDP), socket FCLGA3647	875713-001
	Intel Xeon Silver 4116 twelve-Core 64-bit processor - 2.10 GHz (Skylake), 16.5MB Level-3 cache, 85 W	875716-001

thermal design power (TDP), soc ket FCLGA3647	
51XX processor	
Intel Xeon Gold 5115 ten-core 64 -bit processor - 2.40 GHz (Skyla ke) 13.75MB Level-3 cache, 85 W thermal design power (TDP), soc ket FCLGA3647)	875715-001
Intel Xeon Gold 5117 Fourteen-Co re, 64-bit Processor - 2.00 GHz (Skylake, 19.25 MB L3 Cache, 105 W thermal design power (TDP), s ocket FCLGA3647)	P10199-001
Intel Xeon Gold 5118 twelve-Core 64-bit processor - 2.30 GHz (Sky lake) 16.5MB Level-3 cache, 105 W Thermal Design Power (TDP), s ocket FCLGA3647)	875717-001
Intel Xeon Gold 5120 Fourteen-Co re 64-bit processor - 2.20 GHz (Sk ylake) 19.25MB Level-3 cache, 10 5 W thermal design power (TDP), socket FCLGA3647	875718-001
Intel Xeon Gold 5122 four-Core 6 4-bit processor - 3.60 GHz (Skyla ke) 16.5MB Level-3 cache, 105 W Thermal Design Power (TDP), soc ket FCLGA3647	875719-001
61xx processor	
ntel Xeon Gold 6126 Twelve-Core 64-bit processor - 2.60 GHz (Skyl ake) 19.25MB Level-3 cache, 125 W Thermal Design Power (TDP), s ocket FCLGA3647	875720-001
Intel Xeon Gold 6128 six-core 64 -bit processor - 3.40 GHz (Skyla ke), 19.25MB Level-3 cache, 115 W thermal design power (TDP), s ocket FCLGA3647	875721-001
Intel Xeon-Gold 6130 sixteen co res, processor - 2.10 GHz,(Skyla ke), 22MB Level-3 cache, 125 W Thermal Design Power (TDP), soc ket FCLGA3647	874736-001

Intel Xeon Gold 6132 four-teen cores, processor - 2.60 GHz (Skylake). 19.25MB level3 cache, 140 W thermal design power (TDP), socket FCLGA3647	875722-001
Intel Xeon Gold 6134 Eight-Core 64-bit processor - 3.20 GHz (Skylake) 24.75MB Level-3 cache, 130 W thermal design power (TDP), socket FCLGA3647	875723-001
Intel Xeon Gold 6134M Eight Core 64-bit processor - 3.20 GHz (Skylake), 24.75MB Level-3 cache, 130 W thermal design power (TDP), socket FCLGA3647 (Supports 1.5TB memory size)	878083-001
Intel Xeon Gold 6136 twelve-core 64-bit processor - 3.0 GHz (Skylake), 24.75MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	875724-001
Intel Xeon Gold 6137 eight-core 64-bit processor - 3.9 GHz (Skylake) 205 W Thermal Design Power (TDP), socket FCLGA3647	882008-001
Intel Xeon Gold 6138 twenty-core 64-bit processor - 2.0 GHz (Skylake) 27.5MB Level-3 cache, 125 W thermal design (TDP) power, socket FCLGA3647	874735-001
Intel Xeon-G 6140 eighteen-Core 64-bit processor - 2.30 GHz (Skylake), 24.75MB Level-3 cache, 140 W thermal design power (TDP), socket FCLGA3647	874734-001
Intel Xeon Gold 6140M Eighteen-Core 64-bit processor - 2.30 GHz (Skylake), 24.75MB Level-3 cache, 140 W thermal design power (TDP), socket FCLGA3647 (Supports 1.5TB memory size)	878084-001
Intel Xeon-Gold 6142 sixteen cores, processor - 2.60 GHz, (Skylake) 22MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	874733-001

Intel Xeon-Gold 6142M sixteen cores, processor - 2.60 GHz, (Skylake) 22MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647 (Supports 1.5TB max memory)	878085-001
Intel Xeon-G 6143 Sixteen-Core 64-bit processor - 2.80 GHz (Skylake), 205 W thermal design power (TDP)	882169-001
Intel Xeon-Gold 6144 eight cores, processor - 3.50 GHz (Skylake), 24.75MB Level-3 cache, 150 W Thermal Design Power (TDP), socket FCLGA3647	875725-001
Intel Xeon Gold 6146 Twelve cores, Scalable Processor - 3.20 GHz (24.75MB Level-3 cache, 165 W thermal design power (TDP), socket FCLGA 3647)	875726-001
Intel Xeon-Gold 6148 twenty cores, processor - 2.40 GHz (Skylake), 27.5MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	874732-001
CPU SKL Xeon-G 6150 18c 2.7G 165 W	874731-001
Intel Xeon-Gold 6152 twenty-two cores 64-bit processor - 2.10 GHz, (Skylake) 30.25MB Level-3 cache, 140 W thermal design power (TDP), socket FCLGA3647	874730-001
Intel Xeon Gold 6154 Eighteen-Core 64-bit processor - 3.00 GHz (Skylake) 24.75MB Level-3 cache, 200 W thermal design power (TDP), socket FCLGA3647	875727-001
81xx processor	
Intel Xeon Platinum 8153 Sixteen-Core 64-bit processor - 2.00 GHz (Skylake), 22MB Level-3 cache, 125 W thermal design power (TDP), socket FCLGA3647	875728-001
Intel Xeon Platinum 8156 four core 64-bit processor - 3.60 GHz (Skylake), 16.5MB Level-3 cache, 10	875732-001

5 W thermal design power (TDP), socket LGA 3647	
Intel Xeon Platinum 8158 twelve core 64-bit processor - 3.0 GHz (Skylake), 24.75MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	875733-001
Intel Xeon Platinum 8160 Twenty-four Core 64-bit processor - 2.10 GHz (Skylake), 33MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	874729-001
Intel Xeon Platinum 8160M Twenty-four Core 64-bit processor - 2.10 GHz (Skylake), 33MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647 (Supports 1.5TB memory size)	878086-001
Intel Xeon Platinum 8164 Twenty-six Core 64-bit processor - 2.0 GHz (Skylake), 35.7MB Level-3 cache, 150 W thermal design power (TDP), socket FCLGA3647	875729-001
Intel Xeon-P 8165 Twenty-four-Core 64-bit processor - 2.3 GHz (Skylake),24MB Level-3 cache, 205 W thermal design power (TDP), socket FCLGA3647- Platinum	P00868-001
Intel Xeon Platinum 8168 Twenty-four Core 64-bit processor - 2.70 GHz (Skylake), 33MB Level-3 cache, 205 W thermal design power (TDP), socket FCLGA3647	875730-001
Intel Xeon Platinum 8170 twenty-six-core 64-bit processor - 2.10 GHz (Skylake), 35.75MB Level-3 cache, 165 W thermal design power, socket FCLGA3647	874728-001
Intel Xeon Platinum 8170M twenty-six-core 64-bit processor - 2.10 GHz (Skylake), 35.75MB Level-3 cache, 165 W thermal design power, socket FCLGA3647 - (Supports 1.5TB memory size)	878087-001
Intel Xeon Platinum 8176 Twenty-eight Core 64-bit processor - 2.	874727-001

10 GHz (Skylake), 38.5MB Level-3 cache, 165 W thermal design pow er (TDP), socket FCLGA3647	
Intel Xeon Platinum 8176M Twent y-eight Core 64-bit processor - 2. 10 GHz (Skylake), 38.5MB Level-3 cache, 165 W thermal design pow er (TDP), socket FCLGA3647 - (Su pports 1.5TB memory size)	878088-001
Intel Xeon Platinum 8180 Twent y-eight Core 64-bit processor - 2. 50 GHz (Skylake), 38.5MB Level-3 cache, 205 W thermal design pow er (TDP), socket FCLGA3647	875731-001
Intel Xeon Platinum 8180M Twent y-eight Core 64-bit processor - 2. 50 GHz (Skylake), 38.5MB Level-3 cache, 205 W thermal design pow er (TDP), socket FCLGA3647 - (Su pports 1.5TB memory size)	878089-001
Second Generation Intel Xeon Scalable Processors	
32XX processor	
Intel Xeon 3204 v4 Six-Core 64-b it processor - 1.90 GHz (Cascade Lake, 8.25MB cache, 85 W Therm al Design Power (TDP), socket FC LGA3647)	P11604-001
Intel Xeon-Bronze 3206R v4 Eigh t-Core 64-bit processor - 1.9 GHz (85 W Thermal Design Power (TD P))	P19248-001
42XX processor	
Intel Xeon Silver 4208 v4 Eight-Co re 64-bit processor - 2.10 GHz (Ca scade Lake, 11MB cache, 85 W Th ermal Design Power (TDP), socket FCLGA3647)	P11605-001
Intel Xeon Silver 4210 v4 Ten-Co re 64-bit processor - 2.20 GHz (C ascade Lake, 13.75MB cache, 85 W thermal design power (TDP), s ocket FCLGA3647)	P11606-001
Intel Xeon-Silver 4210R v4 Ten-Co re 64-bit processor - 2.4 GHz (10 0 W thermal design power (TDP))	P19246-001

Intel Xeon Silver 4214 v4 Twelve-Core 64-bit processor - 2.20 GHz (Cascade Lake, 16.5MB cache, 85 W thermal design power (TDP), s ocket FCLGA3647)	P11607-001
Intel Xeon-Silver 4214R v4 Twel ve-Core 64-bit processor - 2.2 GH z (100 W Thermal Design Power (TDP))	P19245-001
Intel Xeon Silver 4214Y v4 Twel ve-Core 64-bit processor - 2.20 G Hz (Cascade Lake, 16.5MB cache, 85 W thermal design power (TDP) , socket FCLGA3647)	P11636-001
Intel Xeon Silver 4215 v4 Eight-Co re 64-bit processor - 2.50 GHz (Ca scade Lake, 11MB cache, 85 W the rmal design power (TDP))	P11608-001
Intel Xeon Silver 4215R v4 Eigh t-Core 64-bit processor - 3.2 GHz (130 W thermal design power (TD P))	P25089-001
Intel Xeon Silver 4216 Sixteen-Co re 64-bit processor - 2.10 GHz (C ascade Lake, 22MB cache, 100 W Thermal Design Power (TDP), soc ket FCLGA3647)	P11609-001
52XX processor	
Intel Xeon Gold 5215 v4 Ten-Core 64-bit processor - 2.60 GHz (Cas cade Lake, 20MB cache, 85 W th ermal design power (TDP), socket LGA-3647)	P11610-001
Intel Xeon Gold 5215M v4 Ten-Co re 64-bit processor - 2.50 GHz (C ascade Lake, 38.5MB cache, 85 W thermal design power (TDP), soc ket FCLGA3647)	P11626-001
Intel Xeon Gold 5215L v4 Ten-Co re 64-bit processor - 2.50 GHz (C ascade Lake, 13.75MB cache, 85 W thermal design power (TDP), s ocket FCLGA3647)	P11631-001
Intel Xeon Gold 5217 v4 Eight-Co re 64-bit processor - 3.00 GHz (C ascade Lake, 11MB cache, 115 W	P11611-001

thermal design power (TDP), soc ket FCLGA3647)	
Intel Xeon Gold 5218 v4 Sixteen-C ore 64-bit processor - 2.30 GHz (C ascade Lake, 22MB cache, 125 W thermal design power (TDP), soc ket FCLGA3647)	P11612-001
Intel Xeon Gold 5218B v4 Sixteen -Core 64-bit processor - 2.30 GH z (Cascade Lake, 22MB cache, 12 5 W thermal design power (TDP), socket FCLGA3647)	P12532-001
Intel Xeon Gold 5218N v4 Sixteen -Core 64-bit processor - 2.30 GH z (Cascade Lake, 22MB cache, 11 0 W thermal design power (TDP), socket FCLGA3647)	P12021-001
CPU CLX-R 5218R - 2.1G, 20C, 12 5 W	P25090-001
Intel Xeon Gold 5220 v4 Eighteen -Core 64-bit processor - 2.20 GHz (Cascade Lake, 24.75MB cache, 1 25 W thermal design power (TDP) , socket FCLGA2011-3)	P11613-001
Intel Xeon-Gold 5220R v4 twenty four-Core 64-bit processor - 2.2 G Hz (125 W thermal design power (TDP))	P19241-001
Intel Xeon Gold 5220S v4 Eightee n-Core 64-bit processor - 2.70 GH z (Cascade Lake, 25MB cache, 125 W thermal design power (TDP))	P11627-001
Intel Xeon Gold 5222 v4 Four-Co re 64-bit processor - 3.80 GHz (C ascade Lake, 16.5MB cache, 105 W thermal design power (TDP), s ocket LGA-3647)	P11632-001
62xx processor	
Intel Xeon-Gold 6208U v4 Sixteen -Core 64-bit processor - 2.9 GHz (150 W thermal design power (TD P))	P25102-001
Intel Xeon Gold 6209U v4 Twent y-Core 64-bit processor - 2.10 GH	P11644-001

z (Cascade Lake, 28MB cache, 125 W thermal design power (TDP))	
Intel Xeon Gold 6210U v4 Twenty-Core 64-bit processor - 2.50 GHz (Cascade Lake, 20MB cache, 150 W thermal design power (TDP), socket LGA-3647)	P11642-001
Intel Xeon Gold 6212U v4 Twenty Four-Core 64-bit processor - 2.40 GHz (Cascade Lake, 35.75MB cache, 165 W thermal design power (TDP), socket FCLGA3647)	P11643-001
Intel Xeon Gold 6222V v4 Twenty-Core 64-bit processor - 1.80 GHz (Cascade Lake, 28MB cache, 115 W thermal design power (TDP))	P12019-001
Intel Xeon Gold 6226 v4 Twelve-Core 64-bit processor - 2.70 GHz (Cascade Lake, 19MB cache, 125 W thermal design power (TDP))	P12008-001
Intel Xeon-Gold 6226R v4 Sixteen-Core 64-bit processor - 2.9 GHz (150 W Thermal Design Power (TDP))	P25094-001
Intel Xeon Gold CLX 6230 Twenty-Core 64-bit processor - 2.10 GHz (Cascade Lake , 27.5MB cache, Intel QuickPath interconnect (QPI) speed 8.0 GT/s, 125 W thermal design power (TDP), socket FCLGA 3647)	P11614-001
Intel Xeon Gold CLX 6230N Twenty-Core 64-bit processor - 2.30 GHz (Cascade Lake, 27.5MB cache, 125 W thermal design power (TDP) , socket FCLGA3647)	P12022-001
Intel Xeon-Gold 6230R v4 Twenty Six-Core 64-bit processor - 2.1 GHz (150 W thermal design power (TDP))	P25095-001
Intel Xeon Gold 6234 v4 Eight-Core 64-bit processor - 3.30 GHz (Cascade Lake, 25MB cache, 130 W thermal design power (TDP), socket FCLGA3647)	P12009-001

Intel Xeon Gold 6238 v4 Twenty Two-Core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W thermal design power (TDP), socket FCLGA3647)	P12010-001
Intel Xeon Gold 6238L v4 Twenty two-Core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W thermal design power (TDP))	P12016-001
Intel Xeon Gold 6238M v4 Twenty two Core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W thermal design power (TDP))	P12014-001
Intel Xeon-Gold 6238R v4 Twenty Eight-Core 64-bit processor - 2.2 GHz (165 W Thermal Design Power (TDP))	P25096-001
CPU CLX 6240 - 2.6 GHz 150 W 18C	P11615-001
CPU CLX 6240L - 2.6 GHz 150 W 18C	P12015-001
Intel Xeon-Gold 6240R v4 Twenty Four-Core 64-bit processor - 2.4 GHz (165 W thermal design power (TDP))	P25097-001
Intel Xeon Gold 6240Y v4 Eighteen-Core 64-bit processor - 2.60 GHz (Cascade Lake, 24.75MB cache, 150 W thermal design power (TDP), socket FCLGA3647)	P11637-001
Intel Xeon Gold 6240M v4 Eighteen-Core 64-bit processor - 2.60 GHz (Cascade Lake, 25MB cache, 150 W thermal design power (TDP), socket FCLGA3647)	P12013-001
Intel Xeon Gold 6242 v4 Sixteen-Core 64-bit processor - 2.80 GHz (Cascade Lake, 22MB cache, 150 W thermal design power (TDP), socket LGA-3647)	P11616-001
Intel Xeon-Gold 6242R v4 Twenty-Core 64-bit processor - 3.1 GHz	P25098-001

(205 W thermal design power (TDP))	
Intel Xeon Gold CLX 6244 Eight-Core 64-bit processor - 3.60 GHz (Cascade Lake , 24.75MB cache, Intel QuickPath interconnect (QPI) speed 8.0 GT/s, 150 W thermal design power (TDP), socket FCLGA3647)	P11617-001
Intel Xeon Gold CLX 6246 Twelve-Core 64-bit processor - 3.30 GHz (Cascade Lake, 24.75MB cache, Intel QuickPath interconnect (QPI) speed 8.0 GT/s, 165 W thermal design power (TDP), socket FCLGA-3647)	P12018-001
Intel Xeon-Gold 6246R v4 Sixteen-Core 64-bit processor - 3.4 GHz (205 W Thermal Design Power (TDP))	P25099-001
Intel Xeon Gold 6248 v4 Twenty-Core 64-bit processor - 2.50 GHz (Cascade Lake, 27.5MB cache, 150 W Thermal Design Power (TDP), socket FCLGA3647)	P11618-001
Intel Xeon-Gold 6248R v4 Twenty Four-Core 64-bit processor - 3.0 GHz (205 W thermal design power (TDP))	P25100-001
Intel Xeon-Gold 6250 v4 Eight-Core 64-bit processor - 3.9 GHz (185 W thermal design power (TDP))	P25092-001
CPU CLX 6250L-3.9G, 8C, 185 W	P28864-001
Intel Xeon Gold 6252 v4 Twenty Four-Core 64-bit processor - 2.10 GHz (Cascade Lake, 22MB cache, 150 W thermal design power (TDP), socket LGA-3647)	P11619-001
Intel Xeon Gold CLX 6252N Twenty Four-Core 64-bit processor - 2.30 GHz (Cascade Lake, 35.75MB cache, Intel QuickPath interconnect (QPI) speed 8.0 GT/s, 150 W thermal design power (TDP), socket FCLGA-3647)	P12023-001
Intel Xeon Gold 6254 v4 Eighteen-Core 64-bit processor - 3.10 GHz	P11620-001

(Cascade Lake, 24.75MB cache, 2 00 W thermal design power (TDP) , socket FCLGA3647)	
Intel Xeon-Gold 6256 v4 Twelve-C ore 64-bit processor - 3.6 GHz (20 5 W thermal design power (TDP))	P25093-001
Intel Xeon-Gold 6258R v4 Twenty Eight-Core 64-bit processor - 2.7 GHz (205 W thermal design power (TDP))	P25101-001
Intel Xeon Gold 6262V v4 Twenty four-Core 64-bit processor - 1.90 GHz (Cascade Lake, 33MB cache, i nterconnect (QPI), 135 W thermal design power (TDP))	P12020-001
82xx processor	
Intel Xeon Platinum 8253 v4 Sixte en-Core 64-bit processor - 2.20 G Hz (Cascade Lake, 22MB cache, 1 25 W thermal design power (TDP))	P12011-001
Intel Xeon Platinum 8256 Four-Co re 64-bit processor - 3.80 GHz (Ca scade Lake , 16.5MB cache, Intel Q uickPath interconnect (QPI) speed 8.0 GT/s, 105 W thermal design po wer (TDP))	P12012-001
Intel Xeon Platinum 8260 v4 Twe nty Four-Core 64-bit processor - 2 .40 GHz (Cascade Lake, 35.75MB cache, 165 W thermal design pow er (TDP), socket FCLGA3647)	P11621-001
Intel Xeon Platinum 8260M v4 Tw enty Four-Core 64-bit processor - 2.40 GHz (Cascade Lake, 36MB ca che, 165 W thermal design power (TDP), socket FCLGA3647)	P11628-001
Intel Xeon Platinum 8260Y v4 Six teen-Core 64-bit processor - 2.40 GHz (Cascade Lake, 35.75MB cac he, 165 W thermal design power (TDP), socket FCLGA3647)	P11638-001
Intel Xeon Platinum CLX 8260L Twenty Four-Core 64-bit processo r - 2.40 GHz (Cascade Lake, 36MB	P11633-001

	cache, 165 W thermal design pow er (TDP), socket FCLGA3647)	
	Intel Xeon Platinum 8268 v4 Twe nty Four-Core 64-bit processor - 2 .90 GHz (Cascade Lake, 35.75MB cache, 205 W thermal design pow er (TDP), socket FCLGA-3647)	P11622-001
	Intel Xeon Platinum 8270 v4 Twen ty Six-Core 64-bit processor - 2.7 0 GHz (Cascade Lake, 35.75MB ca che, 205 W thermal design power (TDP), socket FCLGA3647)	P11623-001
	Intel Xeon CLX 8276 Twenty Eigh t-Core 64-bit processor - 2.20 GH z (Cascade Lake, 38.5MB cache, 1 65 W thermal design power (TDP) , socket FCLGA3647)	P11624-001
	Intel Xeon Platinum CLX 8276M Twenty Eight-Core 64-bit process or - 2.20 GHz (Cascade Lake, 38. 5MB cache, 165 W thermal design power (TDP))	P11629-001
	Intel Xeon Platinum 8276L Twent y Eight -Core 64-bit processor - 2. 20 GHz (Cascade Lake, 38.5MB ca che, 165 W thermal design power (TDP), socket FCLGA3647)	P11634-001
	Intel Xeon Platinum 8280 v4 Twen ty Eight-Core 64-bit processor - 2. 70 GHz (Cascade Lake, 38.5MB ca che, 205 W thermal design power (TDP), socket FCLGA-3647)	P11625-001
	Intel Xeon Platinum 8280M Twent y Eight-Core 64-bit processor - 2. 70 GHz (Cascade Lake, 38.5MB ca che, Intel QuickPath interconnect (QPI) speed 8.0 GT/s, 205 W ther mal design power (TDP))	P11630-001
	Intel Xeon Platinum CLX 8280L Twenty Eight-Core 64-bit process or - 2.70 GHz (Cascade Lake, 38.5 MB cache, Intel QuickPath intercon nect (QPI) speed 8.0 GT/s, 205 W t hermal design power (TDP))	P11635-001
3	**DIMM**	
	2666 MT/s DIMMs	

8GB PC4-2666V-R, Registered Synchronous Dynamic Random Access Memory (SDRAM) 1Gx8, Dual Data Rate (DDR4) mode, Dual In-Line Memory Module (DIMM) organized as 1Gx72	850879-001
8GB PC4-2666V-R - synchronous dynamic random access memory (SDRAM), dual data rate (DDR4) mode, dual in-line memory module (DIMM), organized as 1Gx72	878490-001
16GB PC4-2666V-R, registered synchronous dynamic random access memory (SDRAM) 2Gx4, operated in a dual data rate (DDR4) mode, packaged in a dual in-line memory module organized as 2Gx72	850880-001
16GB PC4-2666V-R Synchronous Dynamic Random Access Memory (SDRAM) 1Gx8, operated in Dual Data Rate (DDR4) mode, Dual In-Line Memory Module (DIMM), 2Gx72	868846-001
32GB PC4-2666V-R, registered Synchronous Dynamic Random Access Memory (SDRAM) 2Gx4, operated in a Dual Data Rate (DDR4) mode, packaged in a dual in-line memory module organized as 4Gx72	850881-001
64GB PC4-2666V-L, registered synchronous dynamic random access memory (SDRAM) 2Gx4, operated in a dual data rate (DDR4) mode, packaged in a dual in-line memory module (DIMM) organized as 8Gx72	850882-001
128GB PC4-2666V-L, load reduced (LRDIMM) synchronous dynamic random access memory (SDRAM), operated in a dual data rate (DDR4) mode, packaged in a dual in-line memory module, organized as 16Gx72	850883-001
2933 MT/s DIMMs	

	HPE 8GB (1x8GB) Single Rank x 8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P06186-001
	HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P06187-001
	HPE 16GB (1x16GB) Dual Rank x 8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P06188-001
	HPE 32GB (1x32GB) Dual Rank x 4 DDR4-2933 CAS-21-21-21 Registered Smart memory kit	P06189-001
	DIMM 32GB PC4-2933Y-R 4Gx4	P39382-001
	64GB, Quad Rank x4, DDR4-2933, CAS-21-21-21, Load Reduced Smart Memory Kit	P06190-001
	HPE 64GB (1x64GB) Dual Rank x 4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P06192-001
	HPE 128GB (1 x 128GB) Octal rank x4 DDR4-2933 CAS--24-21-21 LRDIMM smart memory kit	P06191-001
	DIMM,128GB PC4-2933Y-L,4Gx4	P16001-001
	3200 MT/s DIMMs	
	DIMM 32GB PC4-3200AA-R 4Gx4	P39381-001
	HPE 16GB NVDIMM	
	Non-volatile Dual In-Line Memory Modules (NVDIMM) 16GB 1Rx4 NN4-2666T-R	874540-001
	Persistent memory module	
	HPE 128GB 2666 Persistent Memory Kit featuring Intel Optane DC Persistent Memory	844071-001
	HPE 256GB 2666 MT/S DC Persistent Memory Kit featuring Intel Optane DC Persistent Memory	844072-001
	HPE 512GB 2666 MT/s DC Persistent Memory Kit featuring Intel Optane DC Persistent Memory	844073-001
4	**Smart Array controller**	
	Smart Array E208i-a controller - AROC (Adaptive RAID on chip), 8-	836259-001

SAS lanes across 2 x4 internal Min i-SAS ports, No flash-backed write cache, 12 Gb/s SAS, 6 Gb/s SATA, RAID 0, 1, 5, 10	
Smart Array E208i-a SR controller - SAS/SATA interface, 8-SAS lanes across 2 x4 internal Mini-SAS por ts, No flash-backed write cache, 12 Gb/s SAS, 6 Gb/s SATA,PCI Express 3.0 x8 link, RAID 0, 1, 5, 10	871039-001
Smart Array P408i-a SR modular c ontroller - 8-SAS lanes across 2 x4 internal Mini-SAS ports, 2GB flash -backed write cache, 12 Gb/s SAS, 6 Gb/s SATA, RAID 0, 1, 5, 6, 10, 5 0, 60, 1 ADM, 10 ADM (Advanced Data Mirroring)	836260-001
Smart Array P408i-a SR Gen10 - A ROC (Adaptive RAID on chip), 12 Gb/s SAS, 6 Gb/s SATA, 8-SAS lan es across 2x4 internal Mini-SAS po rts, 2GB flash-backed write cache, RAID 0, 1, 5, 6, 10, 50, 60, 1 ADM, 10 ADM (Advanced Data Mirroring)	871040-001
Smart Array P816i-a SR Gen10 - A ROC (Adaptive RAID on chip), SAS /SATA interface, 16-SAS lanes acro ss 4 x4 internal Mini-SAS ports, 4 GB flash-backed write cache, 12 G b/s SAS, 6 Gb/s SATA	836261-001
Smart Array E208i-p SR controller - SAS/SATA interface, 8-SAS lanes across 2 x4 internal Mini-SAS por ts, No flash-backed write cache, 12 Gb/s SAS, 6 Gb/s SATA,PCI Express 3.0 x8 link, RAID 0, 1, 5, 10	836266-001
Smart Array E208e-p SR Controlle r - SAS/SATA interface, 8-SAS lan es across (no flash-backed write ca che) 2 x4 external Mini-SAS ports , 12Gb/s SAS, 6Gb/s SATA,PCI Exp ress 3.0 x8 link, RAID 0, 1, 5, 10	836267-001
Smart Array P408i-p SR modular controller - 12 Gb/s SAS, 6 Gb/s SATA and PCIe 3.0x8, 8-SAS 2x4 internal Mini-SAS lanes, 2GB flash	836269-001

	-backed write cache, RAID 0, 1, 5, 6, 10, 50, 60, 1 ADM, 10 ADM (Advanced Data Mirroring)	
	Smart Array P408e-p SR modular controller - 12 Gb/s SAS, 6 Gb/s SATA and PCIe 3.0x8, 8-SAS 8-external Mini-SAS lanes, 4GB Flash-Backed Write Cache (FBWC), RAID 0, 1, 5, 6, 10, 50, 60, 1 ADM, 10 ADM	836270-001
	HPE Smart Array P816i-p SR Gen 10 Controller	836271-001
	PCA Controller 24 Prt PCIe RAID w/3pin CA	871043-001
	PCA MR216i-a Controller	P28348-001
	HPE MR216i-p x16 Lanes without Cache NVMe/SAS 12G Gen10 Plus Controller	P28336-001
	PCA MR416i-a Controller	P28335-001
	HPE MR416i-p x16 Lanes 4GB Cache NVMe/SAS 12G Gen10 Plus Controller	P17303-001
5	**PCIe riser board**	
	Riser x16 x8 Graphics Processing unit (GPU) primary 1U	875545-001
	Primary riser board, x16 x8 + PCIe M.2	875546-001
	Primary riser board, x16 x 16 + SATA M.2	875547-001
	Secondary riser board, 8x4/2x4 NVMe ports	875549-001
6	**FlexibleLOM adapter**	
	InfiniBand FDR/Ethernet 10Gb/40Gb 2-port 544+FLR-QSFP (FlexibleLOM) adapter -ConnectX-3 Pro architecture, InfiniBand bandwidth up to 56 Gb/s Fourteen Data Rate (FDR), Ethernet bandwidth up to 40 Gb/s, PCIe 3.0	764737-001
	InfiniBand Fourteen Data Rate (FDR)/Ethernet FlexibleLOM - 10Gb/40Gb 2-port 544+ Quad Small For	764736-001

m-factor Pluggable (QSFP) adapte r	
Ethernet 10/25Gb 2-port 640FL R-SFP28 adapter, FlexibleLOM for m-factor - Has two dual 10/25 G be SFP28 ports capable of 50 Gb/s bi-directional, 100 Gb/s aggregate bi-directional theoretical bandwidt h - Requires one x8 PCI (Gen 3) Ex press slot	840139-001
FlexibleLOM Rack (FLR) 2-port 25 GBE small form factor pluggable (SFP28)	840133-001
Flex Fabric Adapter FLR Gen3 2P 10/25G	869572-001
HPE Ethernet 10Gb 2-port 537SF P+ OCP3 Adapter	P12925-001
Ethernet 10Gb 2-port 562FLR-S FP+ adapter, FlexibleLOM form-fa ctor - Has two 10 Gbe SFP+ ports - Provides up to 40 Gb/s bi-directi onal per adapter - Requires one x8 PCIe (Gen 3) FlexibleLOM slot	790317-001
Ethernet 10Gb 2-port 562FLR-T a dapter - Dual 10Gb ports provide up to 40 Gb/s bi-directional Ethern et bandwidth	840138-001
536FLR FlexFabric 10Gb 4-port a dapter	768082-001
Ethernet 10Gb 2-port 535FLR-T F lexibleLOM adapter	854177-001
FlexFabric 10Gb Ethernet 2-port 5 34FLR-SFP+ adapter	701531-001
FlexFabric 10Gb 2-port 533FLR-T adapter, FlexibleLOM form-factor - Has two 10G BASE-T RJ45 ports a nd 256MB integrated memory - Re quires one x8 PCI (Gen 2) Flexible LOM slot - Requires CAT6 UTP or better twisted-pair	701534-001
Ethernet 1Gb 4-port 331FLR ada pter, FlexibleLOM form-factor - Ha s four 10/100/1000BASE-T RJ45 ports and 276MB integrated mem ory - Requires one x4 PCI (Gen 2	789897-001

	) FlexibleLOM slot (mechanically compatible with x8 and x16 PCI FlexibleLOM slots)	
	Ethernet 1Gb 4-port 366FLR adapter, FlexibleLOM form-factor - Has four 10/100/1000BASE-T RJ45 ports - Requires one x4 PCI (Gen 2) FlexibleLOM slot (mechanically compatible with x8 and x16 PCI FlexibleLOM slots) - Requires CAT-5e or better twisted pair	669280-001
7	**System board assembly**	
	System I/O board (Motherboard) - Supports Intel (Skylake) processors - Includes base pan assembly, alcohol pad and thermal grease syringe - Processors must be the same spare part number	875552-001
	System I/O with SUBPAN CLX	P11781-001
	Mother Board System I/O, with Sub pan	P19926-001
	Blank, Quad NIC	P19929-001
8	**Expansion board**	
	Host bus adapter	
	StoreFabric SN1600Q 32Gb - Single port Fibre Channel adapter - 32 Gb/s interface, PCI Express 3.0 to Fibre Channel	868140-001
	Adapter SN1600Q 32Gb 2p FC HBA	868141-001
	StoreFabric SN1600E 32Gb single port Fibre Channel host adapter - 32 Gb/s interface, PCI Express 3.0 to Fibre Channel	869999-001
	HPE SN1610E 32Gb 1p FC HBA	P14421-001
	HPE SN1610E 32Gb 2p FC HBA	P14422-001
	PCIe 1-port, 8GB, Fiber Channel (FC) 81Q (QLogic) host bus adapter (HBA) board - Has one fully independent 2/4/8Gb auto-negotiation short wave laser LC port - Requires one low profile (or full height) x8 PCIe slot	489190-001

SN1200E 16Gb single port Fibre Channel host bus adapter - 16 Gb/s interface	870001-001
SN1200E 16Gb dual port Fibre Channel host bus adapter - 16 Gb/s interface	870002-001
PCIe 2-port, 8GB, Fibre Channel (FC) 82Q (QLogic) host bus adapter (HBA) board - Has two fully independent 2/4/8 Gb auto-negotiation short wave laser LC ports - Requires one low profile (or full height) x8 PCIe slot	489191-001
StoreFabric SN1100E 4-port 16Gb Fibre Channel host bus adapter - 16 Gb/s interface, PCI Express 3.0 to Fibre Channel	853008-001
HPE StoreFabric 84E 4-port 8Gb FC HBA	780686-001
81E 8Gb 1-port PCIe Fibre Channel host bus adapter - PCI Express 2.0 to Fibre Channel, 8 Gb/s interface	697889-001
82E PCIe 2-port 8Gb Fibre Channel (FC) host bus adaptor module (Emulex) - PCIe backplane, 8 Gb/s interface	697890-001
PCIe 4-port, 8GB, Fibre Channel (FC) 84Q (QLogic) host bus adapter (HBA) board - Has four fully independent 2/4/8 Gb auto-negotiation short wave laser LC ports - Requires one low profile (or full height) x8 PCIe slot	853009-001
HPE SN1100Q 16Gb 1p FC HBA	863010-001
StoreFabric SN1100Q 16Gb two port Fibre Channel host bus adapter - 16 Gb/s interface, PCI Express 3.0 to Fibre Channel	853011-001
Converged network adapter	
StoreFabric CN1100R - Dual port converged network adapter, Ethernet, iSCSI, and Fibre Channel (FC) over 10 GbE using both Fibre Cha	706801-001

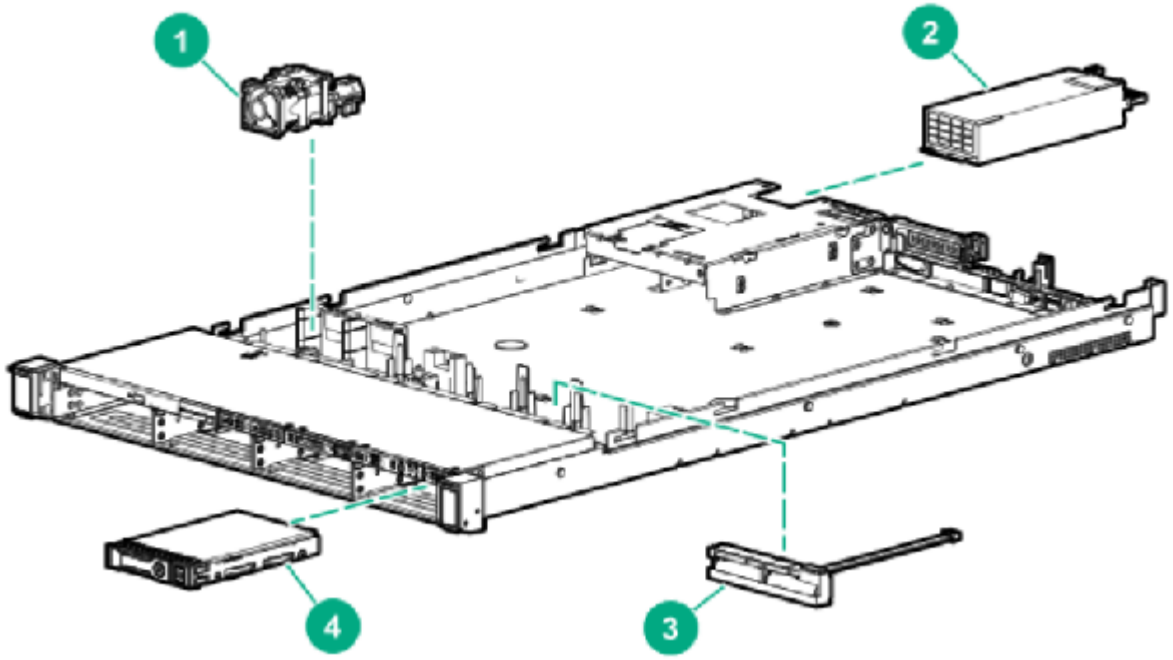
nnel over Ethernet (FCoE) and Co nverged Enhanced Ethernet (CEE)	
HPE StoreFabric CN1100R-T 10G b Converged Network Adapter	872605-001
CN1200E 10Gb converged networ k adapter - Dual port converged n etwork adapter, Ethernet, iSCSI, an d Fibre Channel (FC) over 10 GbE using both Fibre Channel over Eth ernet (FCoE) and Converged Enha nced Ethernet (CEE)	767078-001
StoreFabric CN1200E-T 10Gb co nverged network adapter - Dual port converged network adapter, E thernet, iSCSI, and Fibre Channel (FC) over 10 GbE using both Fibre Channel over Ethernet (FCoE) and Converged Enhanced Ethernet (CE E)	827607-001
InfiniBand adapter	
Single Port InfiniBand (IB), High Dynamic Range (HDR), 100/EN, 1 00G, 940, Quad Small Form Factor Pluggable 56 (QSFP56) Adapter	P08356-001
InfiniBand (IB), High Data Rate (H DR), 100/EN, 100G, Dual port, 94 0 Quad Small Form Factor Pluggab le 56 (QSFP56) Adapter	P08355-001
InfiniBand (IB), High Dynamic Ran ge (HDR), EN 200G, 940 Quad Sm all Form Factor Pluggable (QSFP), 56 Adapter	P08354-001
InfiniBand (IB), High Dynamic Ran ge (HDR), PCIe G3 AUX with 150 mm Cable	P10330-001
InfiniBand (IB), High Dynamic Ran ge (HDR), PCIe G3 AUX with 350 mm Cable	P10331-001
NIC network adapter	
NIC G3 1p 100 Gbe QSFP28 Ada pter	877697-001
Ethernet 10/25Gb 2-port 640SFP 28 adapter, PCIe card form-factor - Has two dual 10/25 Gbe SFP28 ports capable of 50 Gb/s bi-directi	840140-001

onal, 100 Gb/s aggregate bi-direct ional theoretical bandwidth - Requ ires one x8 PCI (Gen 8) Express sl ot	
Ethernet 10/25Gb 2-port 631SFP 28 Adapter - Dual 10/25Gb ports provide up to 100 Gb/s of bi-dire ctional. FlexibleLOM (631FLR-SFP 28) or stand up	840130-001
Ethernet 10/25Gb 2-port 621SFP 28 adapter - Dual 10/25 Gb ports provide up to 100 Gb/s of bi-direct ional Ethernet bandwidth per ada pter	869570-001
HPE Ethernet 10Gb 2-port 537SF P+ Adapter	P10006-001
Ethernet 10Gb 2-port 562T ada pter - Dual 10Gb ports provide up to 40 Gb/s bi-directional Ethernet bandwidth	840137-001
Ethernet 10Gb 2-port 562SFP+ a dapter - Has two 10 Gbe SFP+ po rts and 256MB integrated memory - Provides up to 40 Gb/s bi-directi onal per adapter - Requires one x8 PCI (Gen 3) Express slot (backwa rd compatible with x4 PCI Expres s)	790316-001
HPE Ethernet 10Gb 2-port 548 SF P+ Adapter	P12531-001
Ethernet 10Gb 2-port 535-T Ada pter - •2-10Gb ports, 40 Gb/s of bi -directional Ethernet bandwidth, Fl exible LOM and stand up	815669-001
Ethernet 10Gb 2-port 530SFP+ Adapter - Has two 10Gb SFP+ por ts and 256MB integrated buffer m emory - Requires one x8 (Gen2) P CI Express slot	656244-001
10Gb Ethernet SFP+QL41401 NIC adapter 2port	P11585-001
Ethernet 10Gb 2-port 530T Ada pter - Has two 10Gb RJ45 ports a nd 256MB integrated buffer memo ry - Requires one x8 (Gen2) PCI Ex	657128-001

press slot - Requires CAT6 UTP or better twisted-pair	
Ethernet 10Gb 2-port 521T adapter	869573-001
Ethernet 1Gb 4-port 366T adapter - Has four 10/100/1000BASE-T RJ45 ports - Requires one x4 (Gen2) PCI Express slot (compatible with x4, x8 and x16 PCI Express slots) - Requires CAT5 or better twisted-pair	816551-001
Ethernet 1Gb 4-port 331T adapter - Has four 10/100/1000BASE-T RJ45 ports and 4Mb integrated buffer memory - Requires one x4 (Gen2) PCI Express slot (compatible with x8 and x16 PCI Express slots) - Requires CAT5 or better twisted-pair	649871-001
Ethernet 1Gb 2-port 361T adapter V2 - Has two 10/100/1000BASE-T RJ-45 ports - Requires one x4 PCI Express slot (compatible with x8 and x16 PCI Express slots) - Requires CAT5E or better twisted-pair	656241-002
Ethernet 1Gb 2-port 332T adapter - Has two 10/100/1000BASE-T RJ45 ports - Requires one x1 (Gen 2) PCI Express slot (Compatible with x1, x4, x8 and x16 PCI Express slots) - Requires CAT5 or better twisted-pair	616012-001
PCA NIC 2p 10/25Gb X2522 Base Opn	P24737-001
PCA NIC Gen3 2p 10/25 GbE 642 SFP28	P25987-001
Intel E810 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08441-001
Intel E810 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08456-001
SmartNIC network adapter	
Smart NIC 2p 25G Adapter	P18715-001
Solid state NVMe/PCIe Add-In-Card	

750GB PCIe x4 Write Intensive (WI), HH, Digitally Signed (DS) Card	P03580-001
1.6TB Solid State Drive NVMe Gen 4 x8 High Performance Mixed Use, Digitally Signed Firmware	P28069-001
CARD 3.2TB HH PCIe x8 MU DS	P28070-001
CARD 6.4TB HH PCIe x8 MU DS	P28071-001
NVMe cards	
1.6TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Signed Firmware (DS) Card	P10670-001
3.2TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Signed Firmware (DS) Card	P10671-001
6.4TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Signed Firmware (DS) Card	P10672-001

Server Options



1	**Fan**	
	Standard fan module	875283-001
	High performance fan module	875284-001
2	**Power supply**	
	800 W Flex Slot Universal Hot Plug Low Halogen Power supply kit - 277 V ac/380 V dc power input - 94% efficiency- Mixing of power supplies in the same server is not supported, must be the same spare part number	866727-001
	HPE 800 W Flex Slot -48 V dc Hot Plug Low Halogen Power Supply Kit - 94% efficiency, Mixing of power supplies in the same server is not supported, must be the same spare part number	866728-001
	500 W Flexible Slot Platinum hot-plug low Halogen power supply kit, 94% efficiency - Mixing of power supplies in the same server is not supported, must be the same spare part number	866729-001
	800 W AC Flexible Slot 'Platinum Plus' hot-plug low Halogen power supply - Supports Power Discovery Services (blue plug) - 94% efficiency- Mixing of power supplies in the same server is not supported, must be the same spare part number	866730-001
	800 W Flexible Slot Titanium hot-plug low Halogen power supply - 200 - 240 V ac power input - 96% efficiency- Mixing of power supplies in the same server is not supported, must be the same spare part number	866793-001
	Power Supply, GNRC, 1U, 12 V, 1000W, HTPLG, HE-P,G10+	P44412-001
	1600 W Flexible Slot 'Platinum Plus' hot-plug low Halogen power supply - Supports Power Discovery Services (blue plug) - 96% efficiency	863373-001

	- Mixing of power supplies in the same server is not supported, must be the same spare part number	
3	**Battery and capacitor**	
	3CAP hybridcap module, w 145 mm Cable	P07473-001
	96 W Smart Storage Battery - One battery pack provides Flash Back Write Cache (FBWC) for all the drive controllers in the server - Connects to the system I/O board, 145 mm (5.7 in) long cable	878643-001
	Battery for real-time clock (RTC) - 3.0 V, 220mAh, lithium coin cell, 20 mm diameter, 3.2 mm height (CR2032)	319603-001
4	**Hot-plug drive**	
	1TB SATA hard disk drive - 7,200 RPM, 6 Gb/s transfer rate, 3.5 in large form factor (LFF), Midline, SmartDrive Carrier (SC)	862128-001
	1TB SAS hard drive - 12 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC)	846612-001
	2TB hard disk drive - SAS interface, 12 Gb/s interface, 3.5 in large form factor (LFF), 7,200 RPM, smart carrier (SC), dual port (DP), digitally signed firmware	872744-001
	2TB SAS hard drive - 7,200 RPM, 3.5 in large form factor (LFF), 12 Gb/s interface, smart carrier (SC), Midline SAS - For use with Gen8/Gen9 or newer	819078-001
	2TB hard disk drive - SATA interface, 6 Gb/s interface, 3.5 in Large Form Factor (LFF), 7,200 RPM, Smart Carrier (SC), Digitally Signed (DS) firmware	872771-001
	2TB SATA hard drive - 6 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC), Midline	862126-001

3TB SATA hard drive - 6 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC)	862129-001
3TB SAS hard drive - 12 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC) - For use with Gen8/Gen9 or newer	846614-001
4TB SAS hard drive - 12 Gb/s transfer rate interface, 7,200 RPM, 3.5 in large form factor (LFF), Midline (MDL), 512e format, digitally signed firmware (DS), SmartDrive Carrier (SC)	862141-001
4TB hard disk drive - SAS interface, 12 Gb/s interface, 3.5 in large form factor (LFF), 7,200 RPM, smart carrier (SC), dual port (DP), digitally signed firmware	872745-001
4TB SAS hard drive - 12 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC), Midline SAS - For use with Gen8/Gen9 or newer	819079-001
4TB hard disk drive - SATA interface, 6 Gb/s interface, 3.5 in large form factor (LFF), 7,200 RPM, smart carrier (SC), digitally signed firmware	872772-001
4TB SATA hard drive - 6 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC), Midline	862127-001
4TB SATA hard drive - 6 Gb/s transfer rate interface, 7,200 RPM, 3.5 in large form factor (LFF), Midline (MDL), 512e format, digitally signed firmware (DS),SmartDrive Carrier (SC)	862139-001
6TB SATA midline hard drive - 6 Gb/s SATA interface, 7,200 RPM, 3.5 in large form factor (LFF), smart carrier (SC)	846608-001
6TB SATA hard drive - 6 Gb/s transfer rate interface, 7,200 RPM, 3.5 in large form factor (LFF), Midline (MDL), 512e format, digitally signe	862138-001

d firmware (DS), SmartDrive Carrie r (SC)	
6TB SAS hard drive - 12 Gb/s tran sfer rate interface, 7,200 RPM, 3.5 in Large Form Factor (LFF), Midlin e (MDL), 512e format, digitally sig ned firmware (DS),SmartDrive Carr ier (SC)	862140-001
6TB SAS midline hard drive - 12 G b/s SAS interface, 7,200 RPM, 3.5 i n large form factor (LFF), smart ca rrier (SC) - For use with Gen8/Gen 9 or newer	846610-001
8TB SATA hard drive - 6 Gb/s inter face, 7,200 RPM, 3.5 in large form factor (LFF), low profile (LP), smar t carrier (SC), 512e format, digitall y signed firmware	861609-001
8TB SATA Hard drive - 6 Gb/s inte rface, 7,200 RPM, 3.5 in Large For m Factor (LFF), Smart Carrier (SC), Midline, 512e format	820033-001
8TB SAS hard drive - 12 Gb/s inte rface, 7,200 RPM, 3.5 in large for m factor (LFF), smart carrier (SC) - For use with Gen8/Gen9 or newer	861607-001
8TB SAS hard disk drive - 12 Gb/s transfer rate, 7,200 RPM, 3.5 in la rge form factor (LFF), smart carrie r (SC), 512e format, Midline - For u se with Gen8/Gen9 or newer	820032-001
10TB SAS Hard drive - 12 Gb/s in terface, 7,200 RPM, 3.5 in large fo rm factor (LFF), smart carrier (SC) - For use with Gen8/Gen9 or newe r	857965-001
10TB SAS Hard Drive - 3.5 in Larg e Form Factor (LFF), 12G , High E ndurance (HE), LP, Digitally Signed Firmware (DS)	P11186-001
10TB SATA Hard Drive - 3.5 in La rge Form Factor (LFF), 6G, High E ndurance (HE), Low Profile (LP), D igitally Signed Firmware (DS)	P11184-001

10TB SATA hard drive - 6 Gb/s interface, 7,200 RPM, 3.5 in large form factor (LFF), 512e format	857967-001
10TB SAS Hard Drive - 3.5 in Large Form Factor (LFF), 12G, High Endurance (HE), ST, Digitally Signed Firmware (DS)	P11187-001
14TB SAS Hard Drive - 3.5 in Large Form Factor (LFF), 12G, High Endurance (HE), Smart Carrier (SC), Digitally Signed Firmware (DS)	P11188-001
14TB Hard drive - 3.5 in Large Form Factor (LFF), 12G, High Endurance (HE), Low Profile (LP), Digitally Signed Firmware (DS)	P11518-001
14TB SATA Hard Drive - 3.5 in Large Form Factor (LFF), High Endurance (HE), Smart Carrier (SC), Digitally Signed Firmware (DS)	P11185-001
14TB SATA Hard drive - 3.5 in Large Form Factor (LFF), 6G, High Endurance (HE), Low Profile (LP), Digitally Signed Firmware (DS)	P11519-001
16TB SATA Hard Disk Drive - 3.5 in Large Form Factor (LFF) ISE He Low profile	P25244-001
16TB SAS Hard Disk Drive - 3.5 in Large Form Factor (LFF) ISE He Low Profile	P25245-001
16TB SATA Hard Disk Drive - 3.5 in Large Form Factor (LFF) ISE He Smart Carrier	P25246-001
16TB SATA Hard Disk Drive - 3.5 in Large Form Factor (LFF) ISE He Smart Carrier	P25247-001
SFF drives	
300GB hot-plug SAS hard disk drive - 10,000 RPM, 12 Gb/s transfer rate, 2.5 in small form factor (SFF), SmartDrive Carrier (SC) - For use with Gen8/Gen9 or newer	785410-001
300GB SAS hard drive - 12 Gb/s interface, 10,000 RPM, 2.5 in small	872735-001

form factor (SFF), smart carrier (S C), digitally signed firmware	
300GB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 15,000 RPM, 2.5 in small form factor (SF F), SmartDrive Carrier (SC) - For u se with Gen8/Gen9 or newer	759546-001
300GB SAS hard drive - 12 Gb/s i nterface, 15,000 RPM, 2.5 in small form factor (SFF), enterprise drive, smart carrier (SC), digitally signed f irmware	870792-001
450GB hot-plug dual-port SAS ha rd disk drive - 15,000 RPM, 12 G b/s transfer rate, 2.5 in small form factor (SFF), SmartDrive Carrier (S C) - For use with Gen8/Gen9 or ne wer	759547-001
600GB SAS hard drive - 12 Gb/s i nterface, 10,000 RPM, 2.5 in small form factor (SFF), smart carrier (S C), digitally signed firmware	872736-001
600GB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 10,000 RPM, 2.5 in small form factor (SF F), SmartDrive Carrier (SC) - For u se with Gen8/Gen9 or newer	781577-001
600GB SAS hard drive - 12 Gb/s i nterface, 15,000 RPM, 2.5 in small form factor (SFF), enterprise drive, smart carrier (SC), digitally signed f irmware	870794-001
600GB SAS hard drive - 12 Gb/s i nterface, 15,000 RPM, 2.5 in small form factor (SFF), enterprise drive, 512e format, digitally signed firmw are	870797-001
600GB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 15,000 RPM, 2.5 in small form factor (SF F), SmartDrive Carrier (SC) - For u se with Gen8/Gen9 or newer	759548-001
600GB hot-plug SAS hard disk dri ve - 15,000 RPM, 12 Gb/s transfer rate, 2.5 in small form factor (SFF) , Enterprise, 512e format, SmartDr	748435-001

ive Carrier (SC) - For use with Gen 8/Gen9 or newer	
900GB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 10,000 RPM, 2.5 in small form factor (SF F), Enterprise, SmartDrive Carrier (SC)	785411-001
900GB SAS hard drive - 12 Gb/s i nterface, 15,000 RPM, 2.5 in small form factor (SFF), enterprise drive, smart carrier (SC), digitally signed f irmware	870795-001
900GB SAS hard drive - 12 Gb/s i nterface, 15,000 RPM, 2.5 in small form factor (SFF), dual port (DP), s mart carrier (SC), digitally signed fi rmware, 512e format	870798-001
1TB SAS drive - 12 Gb/s transfer rate, 7,500 RPM,2.5 in small form factor (SFF), midline, smart carrier (SC) - For use with Gen8/Gen9 or newer	832984-001
1TB hot-plug SAS hard disk drive - 7,200 RPM, 12 Gb/s transfer rate, 2.5 in small form factor (SFF), Midl ine (MDL), 512e sector format, Sm artDrive Carrier (SC)	765872-001
1TB hot-plug SATA hard disk drive - 7,200 RPM, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), Midl ine (MDL), 512e sector format, Sm artDrive Carrier (SC)	765868-001
1TB hot-plug SATA hard disk drive - 7,200 RPM, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), Midl ine (MDL), SmartDrive Carrier (SC) - Not for use in MSA products	656108-001
1.2TB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 10,000 RPM, 2.5 in small form factor (SF F), SmartDrive Carrier (SC) - For u se with Gen8/Gen9 or newer	781578-001
1.2TB Serial Attached SCSI (SAS) hard drive - 12 Gb/s interface, 10, 000 RPM, 2.5 in Small Form Factor	872737-001

	(SFF), Smart Carrier (SC), Digitally Signed (DS) firmware	
	1.8TB Serial Attached SCSI (SAS) hard drive - 12 Gb/s interface, 10, 000 RPM, 2.5 in Small Form Factor (SFF), Enterprise drive, 512e form at, Digitally Signed (DS) firmware	872738-001
	1.8TB hot-plug SAS hard disk dri ve - 12 Gb/s transfer rate, 10,000 RPM, 2.5 in small form factor (SF F), Enterprise, 512e format, Smar tDrive Carrier (SC) - For use with Gen8/Gen9 or newer	791055-001
	TB hot-plug SAS hard disk drive - 12 Gb/s transfer rate, 7,200 RPM, 2.5 in small form factor (SFF), Mid line (MDL), 512e format, SmartDri ve Carrier (SC) - For use with Gen 8/Gen9 or newer	765873-001
	2TB hot-plug SATA hard disk drive - 6 Gb/s transfer rate, 7,200 RPM, 2.5 in small form factor (SFF), Midl ine (MDL), 512e sector format, Sm artDrive Carrier (SC)	765869-001
	DRV HDD 2.4TB SFF SAS 512e BC ISE	P30562-001
	DRV HDD 1.2TB SFF SAS 512e BC ISE	P30563-001
	DRV HDD 300GB 10K SFF SAS BC	P40785-001
	HPE 900GB SAS 15K SFF BC, HD D	P40784-001
	HPE 300GB SAS 12G Mission Criti cal 15K SFF BC 3-year Warranty H ard Disk Drive	P30561-001
	DRV HDD 2TB 7.2K SFF SAS 512 e BC	P30575-001
5	**Solid state NVMe drive**	
	400GB NVMe Solid State Drive (SSD) - Non-Volatile Memory exp ress (NVMe) interface, Write Intens ive (WI), 2.5 in small form factor (SFF), mainstream endurance (ME) , Smart Carrier 2 (SC2), power loss protection (PLP) - Supports select Gen9 servers	765059-001

400GB NVMe Solid State Drive (SSD) - Non-Volatile Memory exp ress (NVMe) interface, Read Intens ive (RI), 2.5 in small form factor (SFF), value endurance (VE), Smart Carrier 2 (SC2), power loss protect ion (PLP) - Supports select Gen9 s ervers	765067-001
400GB NVMe Solid State Drive (SSD) - Non-Volatile Memory exp ress (NVMe) interface, Mixed Use (MU), 2.5 in small form factor (SFF) , light endurance (LE), Smart Carri er 2 (SC2), power loss protection (PLP) - Supports select Gen9 serve rs	765063-001
800GB NVMe Solid State Drive (SSD) - Non-Volatile Memory exp ress (NVMe) interface, Write Intens ive (WI), 2.5 in small form factor (SFF), mainstream endurance (ME) , Smart Carrier 2 (SC2), power loss protection (PLP) - Supports select Gen9 servers	765060-001
1.6TB Solid State Drive - NVMe x4 Mixed Use (MU), Smart Carrier NV Me, (SCN), Digitally Signed Firmwa re (DS)	765064-001
800GB SATA Solid State Drive - 2. 5 in small form factor (SFF), NVMe x4, Mixed Use (MU), Smart Carrier NVMe (SCN), Digitally Signed Firm ware (DS)	P10648-001
DRV SSD 800GB NVMe U.3 DS	P26422-001
DRV SSD 800TB NVMe U.3 SFF M U SCN	P20754-001
DRV SSD 800GB SFF NVMe U.3 M U SCN	P28066-001
DRV SSD 800GB NVMe U.3 MU SC N	P20598-001
DRV SSD 800GB NVMe U.3 MU SC	P20597-001
960GB Solid State Drive (SSD) - 2. 5 in small form factor (SFF) NVMe x4 Read Intensive (RI), Smart Carri	P10645-001

er NVMe (SCN), Digitally Signed Firmware (DS)	
960GB SSD, NVMe x4, 2.5 in small form factor (SFF), Read Intensive (RI) Smart Carrier Non-Volatile Memory Express (SCN), Digitally Signed Firmware (DS)	P10652-001
Drive SSD 960GB NVMe U.3 DS	P26423-001
DRV SSD 960GB NVMe U.3 SFF RI SCN	P20764-001
DRV SSD 960GB SFF NVMe U.3 RI SCN	P28068-001
DRV SSD 960GB NVMe U.3 RI SCN	P20611-001
DRV SSD 960GB NVMe U.3 RI SC	P20610-001
DRV SSD 960GB SFF NVMe U.3 RI SCN	765068-001
1.6TB NVMe Solid State Drive (SSD) - Non-Volatile Memory express (NVMe) interface, Write Intensive (WI), 2.5 in small form factor (SFF), mainstream endurance (ME), Smart Carrier 2 (SC2), power loss protection (PLP) - Supports select Gen9 servers only	765061-001
1.6TB NVMe Solid State Drive (SSD) - Non-Volatile Memory express (NVMe) interface, Mixed Use (MU), 2.5 in small form factor (SFF), light endurance (LE), Smart Carrier 2 (SC2), supports power loss protection (PLP) - Supports select Gen9 servers	765065-001
1.6TB Solid State Drive (SSD) - Non-Volatile Memory Express (NVMe) x4, 2.5 in Small Form Factor (SFF), Mixed Use (MU), SCN, Digitally Signed Firmware (DS)	P10470-001
1.6TB Solid State Drive - 2.5 in small form factor (SFF), NVMe x4, Mixed Use (MU), Smart Carrier NVMe (SCN), Digitally Signed Firmware (DS)	P10649-001
1.6TB Solid State Drive - NVMe x4 Mixed Use (MU), Smart Carrier NV	P12435-001

Me, (SCN), Digitally Signed Firmwa re (DS)	
DRV SSD 1.6TB NVMe U.3 DS	P26414-001
DRV SSD 1.6TB NVMe U.3 SFF M U SCN	P20755-001
DRV SSD 1.6TB NVMe U.3 SFF M U SCN	P20794-001
DRV SSD 1.6TB NVMe U.3 MU SC N	P20600-001
DRV SSD 1.6TB NVMe U.3 MU SC	P20599-001
DRV SSD 1.6TB NVMe MU U.3 SC N FIPS	P44777-001
1.92TB Solid State Drive (SSD) - N on-Volatile Memory Express (NVM e) x4, 2.5 in Small Form Factor (SF F), SCN, Digitally Signed Firmware (DS)	P10466-001
1.92TB Solid State Drive (SSD) - 2 .5 in small form factor (SFF) NVMe x4 Read Intensive (RI), Smart Carri er NVMe (SCN), Digitally Signed Fi rmware (DS)	P10646-001
1.92TB SSD, NVMe x4, 2.5 in smal l form factor (SFF), Read Intensive (RI) Smart Carrier Non-Volatile Me mory Express (SCN), Digitally Sign ed Firmware (DS)	P10653-001
Drive SSD 1.92TB NVMe U.3 DS	P26418-001
Drive SSD 1.92TB NVMe U.3 SFF RI SCN	P20765-001
DRV SSD 1.92TB NVMe U.3 SFF R I SCN	P20802-001
DRV SSD 1.92TB NVMe RI SC	P20612-001
DRV SSD 1.92TB NVMe RI SCN	P20613-001
DRV SSD 1.92TB NVMe RI U.3 SC N FIPS	P44781-001
2.0TB NVMe Solid State Drive (SS D) - PCIe Non-Volatile Memory ex press (NVMe)interface, Mixed Use (MU), 2.5 in small form factor (SF F), light endurance (LE), Smart Ca rrier 2 (SC2), supports power loss	765066-001

protection (PLP) - Supports select Gen9 servers	
2.0TB NVMe Solid State Drive (SSD) - PCIe Non-Volatile Memory express (NVMe) interface, Read Intensive (RI), 2.5 in small form factor (SFF), mainstream endurance (ME), Smart Carrier 2 (SC2), power loss protection (PLP) - Supports select Gen9 server	765069-001
2.0TB NVMe Solid State Drive (SSD) - Non-Volatile Memory express (NVMe) interface, Write Intensive (WI), 2.5 in small form factor (SFF), mainstream endurance (ME), Smart Carrier 2 (SC2), power loss protection (PLP) - Supports select Gen9 servers	765062-001
3.2TB Solid State Drive (SSD) - Non-Volatile Memory Express (NVMe) x4, 2.5 in Small Form Factor (SFF), Mixed Use (MU), SCN, Digitally Signed Firmware (DS)	P10471-001
3.2TB Solid State Drive - 2.5 in small form factor (SFF), NVMe x4, Mixed Use (MU), Smart Carrier NVMe (SCN), Digitally Signed Firmware (DS)	P10650-001
DRV SSD 3.2TB NVMe U.3 DS	P26415-001
DRV SSD 3.2TB NVMe U.3 SFF MU SCN	P20756-001
DRV SSD 3.2TB NVMe U.3 SFF MU SCN	P20795-001
DRV SSD 3.2TB NVMe U.3 MU SCN	P20602-001
3.2TB NVMe Solid State Drive U.3 MU Smart Carrier	P20601-001
DRV SSD 3.2TB NVMe MU U.3 SCN FIPS	P44779-001
3.84TB Solid State Drive (SSD) - Non-Volatile Memory Express (NVMe) x4, 2.5 in Small Form Factor (SFF), Read Intensive (RI), Smart Carrier NVMe (SCN), Digitally Signed Firmware (DS)	P10467-001

3.84TB Solid State Drive (SSD) - 2 .5 in small form factor (SFF) NVMe x4 Read Intensive (RI), Smart Carri er NVMe (SCN), Digitally Signed Fi rmware (DS)	P10647-001
3.84TB SSD, NVMe x4, 2.5 in smal l form factor (SFF), Read Intensive (RI) Smart Carrier Non-Volatile Me mory Express (SCN), Digitally Sign ed Firmware (DS)	P10654-001
HPE 3.84TB NVMe x4 RI SFF RW DS SSD	P12430-001
DRV SSD 3.84TB NVMe U.3 DS	P26419-001
DRV SSD 3.84TB NVMe U.3 SFF R I SCN	P20766-001
DRV SSD 3.84TB NVMe U.3 SFF R I SCN	P20803-001
DRV SSD 3.84TB NVMe RI SC	P20614-001
DRV SSD 3.84TB NVMe RI SCN	P20615-001
DRV SSD 3.84TB NVMe RI SC	P20614-001
HPE 3.84TB NVMe Gen4 High Pe rformance Read Intensive SFF SCN Self-encrypting FIPS U.3 CM6 SSD	P44783-001
6.4TB Solid State Drive (SSD) - N on-Volatile Memory Express (NVM e) x4, 2.5 in Small Form Factor (SF F), Mixed Use (MU), SCN, Digitally Signed Firmware (DS)	P10472-001
6.4TB Solid State Drive - 2.5 in sm all form factor (SFF), NVMe x4, Mi xed Use (MU), Smart Carrier NVM e (SCN), Digitally Signed Firmware (DS)	P10651-001
Drive SSD 6.4TB NVMe U.3 DS	P26416-001
DRV SSD 6.4TB NVMe U.3 SFF M U SCN	P20757-001
DRV SSD 6.4TB NVMe U.3 SFF M U SCN	P20796-001
DRV SSD 6.4TB NVMe U.3 MU SC N	P20604-001

	HPE 6.4TB NVMe Gen4 Mainstream Performance Mixed Use SFF SCU.3 PE8030 Solid State Drive	P20603-001
	7.68TB Solid State Drive (SSD) - Non-Volatile Memory Express (NVMe) x4, 2.5 in Small Form Factor (SFF), Read Intensive (RI), SCN, Digitally Signed Firmware (DS)	P10468-001
	7.68TB SSD, NVMe x4, 2.5 in small form factor (SFF), Read Intensive (RI) Smart Carrier Non-Volatile Memory Express (SCN), Digitally Signed Firmware (DS)	P10655-001
	Drive SSD 7.68TB NVMe U.3 DS	P26420-001
	DRV SSD 7.68TB NVMe U.3 SFF RI SCN	P20767-001
	DRV SSD 7.68TB NVMe U.3 SFF RI SCN	P20804-001
	DRV SSD 7.68TB NVMe U.3 RI SCN	P20606-001
	DRV SSD 7.68TB NVMe U.3 RI SC	P20605-001
	DRV SSD 12.8TB NVMe U.3 DS	P26417-001
	DRV SSD 12.8TB NVMe U.3 SFF MU SCN	P20797-001
	15.36TB SSD, NVMe x4, 2.5 in small form factor (SFF), Read Intensive (RI) Smart Carrier Non-Volatile Memory Express (SCN), Digitally Signed Firmware (DS)	P10656-001
	DRV SSD 15.36TB NVMe U.3 DS	P26421-001
	DRV SSD 15.36TB NVMe U.3 SFF RI SCN	P20805-001
6	**Solid state M.2 drive**	
	120GB SATA Solid State Drive (SSD) - 6 Gb/s interface, read intensive (RI), M.2 form factor (2280), value endurance (VE), supports power loss prevention	831995-001
	120GB SATA Solid State Drive (SSD) - 6 Gb/s interface, read intensive (RI), M.2 form factor (2280), value endurance (VE), supports powe	781565-001

	r loss prevention - Supports DL/M L Gen9	
	DRV SSD 240GB SATA M.2 2280 RI	P27211-001
	HPE 340GB SATA RI uFF Dual M.2 Kit	781566-001
	HPE 340GB SATA RI uFF M.2 Kit	781566-001
	Drive SSD 240GB 6G LFF SATA LP C	P25248-001
	DRV SSD 480GB SATA M.2 RI SCM	P25249-001
	DRV SSD 480GB SATA M.2 2280 RI	P27212-001
	Drive SSD 960GB SATA M.2 2280 RI	P27213-001
7	**Solid state SAS drive**	
	800GB SAS Solid State Drive (SS D) - 3.5 in large form factor (LFF) , mixed use (MU), Digitally Signed Firmware (DS), Low Profile Conver ter (LPC)	P06579-001
	800GB SAS Solid State Drive (SS D) - 3.5 in large form factor (LFF) , Mixed Use (MU), Digitally Signed Firmware (DS), smart SFF to LFF t ray (SCC)	P06578-001
	960GB SAS Solid State Drive - 3.5 in Large Form Factor, Mixed Unit, S mart Carrier Converter, Digitally Si gned Firmware	P10605-001
	960GB SAS Solid State Drive (SS D) - 3.5 in Large Form Factor (L FF), Low Profile Converter (LPC), VS, Digitally Signed Firmware (DS)	P10606-001
	DRV SSD 960GB LFF SAS MU LPC MV	P37070-001
	1.6TB SAS Solid State Drive (SSD) - 3.5 in large form factor (LFF), m ixed use (MU), Digitally Signed Fir mware (DS), Low Profile Converter (LPC)	P06581-001
	1.92TB SAS Solid State Drive (SS D) - 12 Gb/s, 3.5 in large form fa ctor (LFF), mixed use (MU), smart	P10608-001

LFF to SFF tray (SCC), VS, Digitally Signed Firmware (DS)	
1.92TB SAS Solid State Drive (SSD) - 3.5 in Large Form Factor (LFF), Mixed Use (MU), Low Profile Converter (LPC), VS, Digitally Signed Firmware (DS)	P10609-001
DRV SSD 1.92TB LFF SAS MU SCC MV	P37072-001
3.84TB SAS Solid State Drive (SSD) - 3.5 in Large Form Factor (LFF), Mixed Use (MU), Low Profile Converter (LPC), VS, Digitally Signed Firmware (DS)	P10611-001
SFF drives	
400GB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P09922-001
400GB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), Mixed Use (MU), Digitally Signed Firmware (DS), smart carrier (SC)	P06576-001
400GB hot-plug Solid State Drive (SSD) - SAS interface, Mixed Use-3 (MU), 12 Gbs transfer rate, 2.5 in small form factor (SFF), smart carrier (SC), supports power loss protection (PLP) - For use with Gen8 servers and beyond	822784-001
400GB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), Write Intensive (WI), smart carrier (SC), Digitally Signed Firmware (DS)	P09947-001
400GB SAS Solid State Drive (SSD) - 12 Gb/s, 2.5 in small form factor (SFF), write intensive (WI), smart carrier (SC), Digitally Signed Firmware (DS)	P06600-001
400GB SAS Solid State Drive (SSD) - 2.5 in Small Form Factor (SFF), Write Intensive (WI), Digitally Signed Firmware (DS) ST	P06601-001
DRV SSD 400GB SFF SAS SC	P22585-001

DRV SSD 400GB SFF SAS WI SC	P37176-001
480GB hot-plug Solid State Drive (SSD) - SAS interface, Read Intensi ve-3 (RI), 12 Gb/s transfer rate, 2. 5 in small form factor (SFF), Smart Drive Carrier (SC), supports power loss protection (PLP) - For use wit h Gen8 servers and beyon	817047-001
800GB SAS Solid State Drive (SS D) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC) , Digitally Signed Firmware (DS)	P09923-001
800GB SAS Solid State Drive (SS D) - 2.5 in small form factor (SFF), Mixed Use (MU), Digitally Signed F irmware (DS), smart carrier (SC)	P06577-001
800GB hot-plug Solid State Drive (SSD) - SAS interface, Mixed Use-3 (MU), 12 Gb/s transfer rate, 2.5 in small form factor (SFF), smart carr ier (SC), supports power loss prote ction (PLP) - For use with Gen8 se rvers and beyond	822786-001
DRV SSD 800GB SFF SAS WI SC	P37177-001
800GB SAS Solid State Drive (SS D) - 2.5 in small form factor (SFF) , Write Intensive (WI), smart carrier (SC), Digitally Signed Firmware (D S)	P09948-001
800GB SAS Solid State Drive - 2.5 in Small Form Factor (SFF), Write Intensive (WI), Digitally Signed Fir mware (DS), Smart Carrier (SC)	P06602-001
800GB SAS Solid State Drives (SS D) - 2.5 in Small Form Factor (SF F), Write Intensive (WI), Digitally Si gned Firmware (DS) ST	P06603-001
800GB SAS Solid State Drive - 2.5 in Small Form Factor, Mixed Use, S mart Carrier	P20838-001
DRV SSD 800GB SFF SAS MU SC	P37171-001
DRV SSD 800GB SFF SAS SC	P22586-001
960GB SAS Solid State Drive (SS D) - 2.5 in Small Form Factor (SF F), Read Intensive (RI), Digitally Si	P06596-001

gned Firmware (DS), Smart Carrier (SC)	
960GB hot-plug Solid State Drive (SSD) - SAS interface, Read Intensi ve-3 (RI), 12 Gb/s transfer rate, 2. 5 in small form factor (SFF),Smart Drive Carrier (SC), supports power loss protection (PLP) - Gen8 serve rs and beyond only	817049-001
960GB SAS Solid State Drive - 2.5 in small form factor (SFF), Read In tensive (RI), Smart Carrier (SC), VS , Digitally Signed Firmware (DS)	P10637-001
960GB SAS Solid State Drive (SS D) - 2.5 in Small Form Factor (SF F), Mixed Use (MU), Smart Carrier (SC), VS, Digitally Signed Firmware (DS)	P10604-001
960GB SAS Solid State Drive - Sm all Form Factor, Read Intensive, Sm art Carrier	P20833-001
DRV SSD 960GB SFF SAS RI SC	P37166-001
DRV SSD 960GB SFF SAS RI SC M V DS	P37064-001
HPE 960GB SAS 12G Mixed Use S FF SC Value SAS Multi Vendor Soli d State Drive	P37068-001
1.6TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mi xed use (MU), smart carrier (SC), D igitally Signed Firmware (DS)	P09924-001
1.6TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mi xed use (MU), smart carrier (SC), D igitally Signed Firmware (DS)	P06580-001
1.6TB hot-plug Solid State Drive (SSD) - SAS interface, Mixed Use-3 (MU), 12 Gb/s transfer rate, 2.5 i n small form factor (SFF), smart ca rrier (SC), supports power loss p rotection (PLP) - Gen8 servers and beyond only	822788-001
1.6TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), Wr	P09949-001

ite Intensive (WI), smart carrier (S C), Digitally Signed Firmware (DS)	
1.6TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), sm art carrier (SC), Write Intensive (WI), Digitally Signed Firmware (DS)	P06604-001
1.6TB SAS Solid State Drive - 2.5 in Small Form Factor, Mixed Use, S mart Carrier	P20839-001
DRV SSD 1.6TB SFF SAS MU SC	P37172-001
DRV SSD 1.6TB SFF SAS SC	P22587-001
DRV SSD 1.6TB SFF SAS WI SC	P37178-001
1.92TB SAS Solid State Drive (SS D) - 2.5 in Small Form Factor (SF F), Read Intensive (RI), Digitally Si gned Firmware (DS), Smart Carrier (SC)	P06597-001
1.92TB hot-plug Solid State Drive (SSD) - SAS interface, Read Intens ive-3 (RI), 12 Gb/s transfer rate, 2. 5 in small form factor (SFF), Smar tDrive Carrier (SC), supports powe r loss protection (PLP) - Gen8 and beyond only	817051-001
1.92TB SAS Solid State Drive (SS D), 2.5 in Small Form Factor (SFF), Read Intensive (RI), Smart Carrier (SC), Digitally Signed Firmware (DS)	P10638-001
1.92TB SAS Solid State Drive (SS D) - 12 Gb/s, 2.5 in Small Form Fa ctor (SFF), Mixed Use (MU), Smart Carrier (SC), Digitally Signed Firm ware (DS)	P10607-001
1.92TB SAS Solid State Drive - 2. 5 in Small Form Factor, Read Inten sive, Smart Carrier	P20834-001
DRV SSD 1.92TB SFF SAS RI SC	P37167-001
DRV SSD 1.92TB SFF SAS RI SC M V DS	P37065-001
HPE 1.92TB SAS Solid State Drive - 2.5 Small Form Factor, 12G, Mixe d Use, Smart Carrier Value, Multi Vendor, Digitally Signed Firmware	P37071-001

3.2TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P09925-001
3.2TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P06582-001
HPE 3.2TB SAS MU SFF SC SSD	822790-001
3.2TB SAS Solid State Drive - 2.5 Small Form Factor (SFF), Write Intensive (WI), Digitally Signed Firmware (DS), Smart Carrier (SC)	P06605-001
3.2TB SAS Solid State Drive - 2.5 in Small Form Factor, Mixed Use, Smart Carrier	P20840-001
HPE 3.2TB SAS Solid State Drive - 24G Mixed Use Small Form Factor, Smart Carrier PM6	P37173-001
DRV SSD 3.2TB SFF SAS WI SC	P37179-001
3.84TB SAS Solid State Drive (SSD) - 2.5 in Small Form Factor (SFF), Read Intensive (RI), Digitally Signed Firmware (DS), Smart Carrier (SC)	P06598-001
3.84TB hot-plug Solid State Drive (SSD) - SAS interface, Read Intensive-3 (RI), 12 Gb/s transfer rate, 2.5 in small form factor (SFF), Smart Drive Carrier (SC), supports power loss protection (PLP)) - Gen8 and beyond only	817053-001
3.84TB SAS Solid State Drive - 2.5 in small form factor (SFF), Read Intensive (RI), Smart Carrier (SC), VS, Digitally Signed Firmware (DS)	P10639-001
DRV SSD 3.84TB SFF SAS MU SC VS DS	P10610-001
3.84TB SAS Solid State Drive - 2.5 in Small Form Factor, Read Intensive, Smart Carrier	P20835-001
DRV SSD 3.84TB SFF SAS RI SC	P37168-001
DRV SSD 3.84TB SFF SAS RI SC MV DS	P37066-001

DRV SSD 3.84TB SFF SAS MU SC MV	P37074-001
6.4TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P09926-001
6.4TB SAS Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P06583-001
6.4TB SAS Solid State Drive - 2.5 in Small Form Factor, Mixed Use, Smart Carrier	P20841-001
DRV SSD 6.4TB SFF SAS MU SC	P37174-001
7.68TB SAS Solid State Drive (SSD) - 2.5 in Small Form Factor (SFF), Read Intensive (RI), Digitally Signed Firmware (DS), Smart Carrier (SC)	P06599-001
7.68TB SAS Solid State Drive - 2.5 in small form factor (SFF), Read Intensive (RI), Smart Carrier (SC), VS, Digitally Signed Firmware (DS)	P10640-001
7.68TB SAS Solid State Drive - 2.5 in Small Form Factor, Read Intensive, Smart Carrier	P20836-001
DRV SSD 7.68TB SFF SAS RI SC	P37169-001
DRV SSD 7.68TB SFF SAS RI SC MV DS	P37067-001
15.3TB SAS Solid State Drive (SSD) - 2.5 in Small Form Factor (SFF), Read Intensive (RI), Smart Carrier (SC)	P20837-001
HPE 15.3TB SAS 24G Read Intensive, Small Form Factor, Smart Carrier PM6 Solid State Drive, Smart Carrier	P37170-001
DRV SSD 12.8TB SFF SAS MU SC	P37175-001
DRV SSD 30.72TB SFF SAS SC	P22580-001
DRV SSD 3.84TB SFF SAS RI BC MV	P49737-001
HPE 800GB SAS 24G Write Intensive SFF BC PM6 SSD	P41506-001

	DRV SSD 3.2TB SFF SAS MU BC MV	P49749-001
	DRV SSD 3.84TB SFF SAS MU MV BC VS	P41537-001
	HPE 1.92TB SAS Read Intensive SFF BC VS Multi Vendor SSD	P41532-001
	DRV SSD 6.4TB SFF SAS MU BC MV	P49751-001
	DRV SSD 960GB SFF SAS MU MV BC VS	P41535-001
	DRV SSD 1.92TB SFF SAS MU MV BC VS	P41536-001
	DRV SSD 800GB SFF SAS MU BC MV	P49745-001
	DRV SSD 1.6TB SFF SAS MU BC MV	P49747-001
	DRV SSD 3.84TB SFF SAS RI MV BC VS	P41533-001
8	**Solid state SATA drive**	
	200GB hot-plug Solid State Drive (SSD) - SATA interface, Write Intensive-2 (WI), 6 Gb/s transfer rate, 3.5 in large form factor (LFF), Smart Carrier Converter (SCC), Power Loss Protection (PLP) - For use with Gen8 servers and beyond	805386-001
	400GB Solid State Drive (SSD) - SATA interface, 6Gb/s interface, 2.5 in small form factor (SFF), write intensive (WI-3), smart carrier convertor SFF to LFF tray (SCC) digitally signed firmware	872513-001
	400GB hot-plug Solid State Drive (SSD) - SATA interface, Write Intensive-2 (WI), 6 Gb/s transfer rate, 3.5 in large form factor (LFF), Smart Carrier Converter (SCC), Power Loss Protection (PLP) - For use with Gen8 servers and beyond	805388-001
	480GB SATA Solid State Drive (SSD) - 3.5 in large form factor (LFF), Read Intensive (RI), Digitally Signed Firmware (DS), smart SFF to LFF tray (SCC)	P09845-001

480GB hot-plug solid state drive (SSD) - SATA interface, mixed use (MU), 6 Gb/s transfer rate, 3.5 in l arge form factor (LFF), power loss protection (PLP), smart carrier co nverter (SCC), digitally signed firm ware	872519-001
480GB Solid State Drive (SSD) - SATA interface, 6 Gb/s data rate, 2 .5 in small form factor (SFF), read intensive (RI), smart carrier conver ter SFF to LFF, digitally signed firm ware	869578-001
480GB SATA Solid State Drive - 3. 5 in Large Form Factor, Read Inten sive, Low Profile Converter	P21086-001
480GB SATA Solid state Drive - 3. 5 in Large Form Factor, Mixed Use, Smart Carrier Converter	P21092-001
800GB Solid State Drive (SSD) - SATA interface, 6 Gb/s interface, 2 .5 in small form factor (SFF), wri te intensive (WI-3), smart carrier c onverter SFF to LFF (SCC), digitall y signed firmware	872515-001
800GB hot-plug Solid State Drive (SSD) - SATA interface, Write Intens ive-2 (WI), 6 Gb/s transfer rate, 3.5 in large form factor (LFF), Smart C arrier Converter (SCC), Power Loss Protection (PLP) - For use with Ge n8 servers and beyond	805390-001
960GB SATA Solid State Drive (SS D) - 3.5 in large form factor (LFF) , Read Intensive (RI), smart LFF to SFF tray (SCC), Digitally Signed Fir mware (DS)	P09846-001
960GB SATA Solid State Drive (SS D) - 3.5 in large form factor (LFF) , Read Intensive (RI), Low Profile C onverter (LPC), Digitally Signed Fir mware (DS)	P09847-001
960GB SATA Solid State Drive (SS D) - 3.5 in large form factor (LFF) , Mixed Use (MU), smart LFF to SF	P09910-001

F tray (SCC), Digitally Signed Firm ware (DS)	
960GB hot-plug solid state drive (SSD) - SATA interface, mixed us e-3 (MU), 6 Gb/s transfer rate, 3. 5 in large form factor (LFF), smart carrier converter (SCC), digitally si gned firmware	872521-001
Drive SSD 960GB SATA LFF MU L Pc	P21093-001
1.2TB hot-plug Solid State Drive (SSD) - SATA interface, Write Intens ive-2 (WI), 6 Gb/s transfer rate, 3.5 in large form factor (LFF), Smart C arrier Converter (SCC), Power Loss Protection (PLP) - For use with Ge n8 servers and beyond	805392-001
1.6TB Solid State Drive (SSD) - SATA interface, 6Gb/s interface, 2 .5 in small form factor (SFF), wri te intensive (WI-3), smart carrier c onverter SFF to LFF (SCC), digitall y signed firmware	872517-001
1.6TB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate , 2.5 in small form factor (SFF), re ad intensive (RI) digitally signed fi rmware, smart SFF to LFF tray (S CC)	869582-001
1.92TB SATA Solid State Drive (SS D) - 3.5 in Large Form Factor (LF F), Mixed Use (MU), smart SFF to LFF tray (SCC), Digitally Signed Fir mware (DS)	P09913-001
1.92TB SATA Solid State Drive (SS D) - 3.5 in large form factor (LFF), Low Profile Converter (LPC), mixe d use (MU), Digitally Signed Firm ware (DS)	P09914-001
1.92TB SATA Solid State Drive (SS D) - 3.5 in large form factor (LFF) , Read Intensive (RI), smart LFF to SFF tray (SCC), Digitally Signed Fir mware (DS)	P09848-001
1.92TB SATA LFF RI LPc SSD dri ve	P21087-001

1.92TB SATA Solid state Drive - 3.5 in Large Form Factor, Mixed Use, Smart Carrier Converter	P21094-001
1.92TB SATA Solid State Drive - 3.5 in Large Form Factor, Mixed Use, Low Profile Converter	P21095-001
SFF drives	
150GB hot-plug Solid State Drive (SSD) - SATA interface, Read Intensive (RI), 6 Gb/s transfer rate, 2.5 in small form factor (SFF), SmartDrive Carrier (SC),Digitally Signed Firmware	869575-001
HPE 200GB SATA WI SFF SC SSD	805385-001
240GB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), Read Intensive (RI), Read Write (RW), Digitally Signed Firmware (DS)	P09844-001
240GB SATA Solid State Drive (SSD) - 2.5 in Small Form Factor (SFF), Read Intensive (RI), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08565-001
240GB SATA Solid State Drive (SSD) - 6 Gb/s transfer rate, read intensive (RI), 2.5 in small form factor (SFF), smart carrier (SC), digitally signed firmware (DS)	868924-001
240GB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), read intensive (RI)smart carrier (SC), digitally signed firmware	869576-001
240GB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18481-001
DRV SSD 240GB SATA SFF RI SC	P21080-001
400GB Solid State Drive (SSD) - SATA interface, 6 Gb/s interface, 2.5 in small form factor (SFF), write intensive (WI-3), smart carrier (SC), digitally signed firmware	872512-001
400GB hot-plug Solid State Drive (SSD) - SATA interface, Write Intensive-2 (WI), 6 Gb/s transfer rate, 2.5	805387-001

in small form factor (SFF), Smart C arrier (SC), Power Loss Protection (PLP) - For use with Gen8 servers and beyond	
480GB SATA Solid State Drive (SS D) - 6 Gb/s transfer rate, read inten sive (RI), 2.5 in small form factor (SFF), smart carrier (SC), digitally si gned firmware (DS)	868926-001
480GB hot-plug solid state drive (SSD) - SATA interface, mixed us e-3 (MU), 6 Gb/s transfer rate, 2.5 in small form factor (SFF), power l oss protection (PLP), smart carrier (SC), digitally signed firmware	872518-001
480GB SATA Solid State Drive - 2. 5 in Small Form Factor (SFF) Smar t Carrier (SC), Mixed Use (MU)	P18477-001
480GB SATA Solid State Drive - 2. 5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18482-001
480GB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate , 2.5 in small form factor (SFF), rea d intensive (RI), smart carrier (SC), digitally signed firmware	869577-001
480GB SATA Solid State Drive (SS D) - 2.5 in small form factor (SFF) , Mixed Use (MU), smart carrier (S C), Digitally Signed Firmware (DS)	P09907-001
480GB SATA Solid State Drive (SS D) - 2.5 in small form factor (SFF), Mixed Use (MU), Read Write (RW), Digitally Signed Firmware (DS)	P09908-001
480GB SATA Solid State Drive - 2. 5 in Small Form Factor (SFF), Mixe d Use (MU), Smart Carrier (SC), Di gitally Signed Firmware (DS)	P08620-001
480GB SATA Solid State Drive - 2. 5 in small form factor (SFF), Read I ntensive (RI), Smart Carrier (SC), D igitally Signed Firmware (DS)	P08567-001
480GB SATA Solid State Drive - 2. 5 in Small Form Factor, Read Inten sive, Smart Carrier	P21081-001

HPE 480GB SATA MU SFF SC SSD	P21088-001
800GB Solid State Drive (SSD) - SATA interface, 6 Gb/s interface, 2.5 in small form factor (SFF), write intensive (WI-3), smart carrier (SC), digitally signed firmware	872514-001
800GB hot-plug Solid State Drive (SSD) - SATA interface, Write Intensive-2 (WI), 6 Gb/s transfer rate, 2.5 in small form factor (SFF), Smart Carrier (SC), Power Loss Protection (PLP) - For use with Gen8 servers and beyond	805389-001
960GB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), Mixed Use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P09909-001
960GB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), Read Write (RW), Digitally Signed Firmware (DS)	P09911-001
960GB SATA Solid State Drive - 2.5 in small form factor (SFF), Mixed Use (MU), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08622-001
960GB SATA Solid State Drive - 2.5 in small form factor (SFF), Read Intensive (RI), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08569-001
960GB SATA Solid State Drive (SSD) - SATA interface, read intensive (RI), 2.5 in small form factor (SFF), smart carrier (SC), digitally signed firmware (DS)	868928-001
960GB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), read intensive (RI) digitally signed firmware, smart carrier (SC)	869580-001
960GB hot-plug solid state drive (SSD) - SATA interface, mixed use-3 (MU), 6 Gb/s transfer rate, 2.57 in small form factor (SFF), smart carrier (SC), digitally signed firmware	872520-001

960GB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Mixed Use (MU)	P18478-001
960GB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18483-001
960GB SATA SFF RI SC SSD drive	P21082-001
DRV SSD 960GB SATA SFF MU SC	P21089-001
1.2TB hot-plug Solid State Drive (SSD) - SATA interface, Write Intensive-2 (WI), 6 Gb/s transfer rate, 2.5 in small form factor (SFF), Smart Carrier (SC), Power Loss Protection (PLP) - For use with Gen8 servers and beyond	805391-001
1.6TB Solid State Drive (SSD) - SATA interface, 6 Gb/s interface, 2.5 in small form factor (SFF), write intensive (WI-3), smart carrier (SC), digitally signed firmware	872516-001
1.6TB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), read intensive (RI) digitally signed firmware, smart carrier (SC)	869581-001
1.92TB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), smart carrier (SC), Digitally Signed Firmware (DS)	P09912-001
1.92TB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), Read Intensive (RI), Read Write (RW), Digitally Signed Firmware (DS)	P09849-001
1.92TB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), mixed use (MU), Read Write (RW), Digitally Signed Firmware (DS)	P09915-001
1.92TB SATA Solid State Drive - 2.5 in small form factor (SFF), Mixed Use (MU), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08625-001
1.92TB SATA Solid State Drive - 2.5 in small form factor (SFF), Read Intensive (RI), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08572-001

1.9TB SATA Solid State Drive (SSD) - SATA interface, read intensive (RI), 2.5 in small form factor (SFF), smart carrier (SC), digitally signed firmware (DS)	868930-001
HPE 1.92TB SATA MU SFF SC MV SSD	P18479-001
1.92TB Solid State Drive (SSD) - SATA interface, 6 Gb/s transfer rate, 2.5 in small form factor (SFF), mixed use (MU-3), smart carrier (SC), digitally signed firmware	872522-001
1.92TB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18484-001
DRV SSD 1.92TB SATA SFF RI SC	P21083-001
DRV SSD 1.92TB SATA SFF MU SC	P21090-001
DRV SSD 1.92TB SATA RW MU	P21096-001
3.84TB SATA Solid State Drive (SSD) - SATA interface, read intensive (RI), 2.5 in small form factor (SFF), smart carrier (SC), digitally signed firmware (DS)	868932-001
3.84TB SATA Solid State Drive (SSD) - 2.5 in small form factor (SFF), Read Intensive (RI), Read Write (RW), Digitally Signed Firmware (DS)	P09850-001
3.84TB SATA Solid State Drive - 2.5 in small form factor (SFF), Mixed Use (MU), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08632-001
3.84TB SATA Solid State Drive - 2.5 in small form factor (SFF), Read Intensive (RI), Smart Carrier (SC), Digitally Signed Firmware (DS)	P08575-001
3.84TB Solid State Drive (SSD) - 2.5 in small form factor (SFF), Smart Carrier (SC), Mixed Use (MU)	P18480-001
3.84TB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18485-001
DRV SSD 3.84TB SATA SFF RI SC	P21084-001

	3.84TB SATA Solid State Drive - 2.5 in Small Form Factor, Smart Carrier	P22588-001
	Drive SSD 3.84TB SATA SFF MU SC	P21091-001
	7.68TB SATA Solid State Drive - 2.5 in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18486-001
	DRV SSD 7.68TB SATA SFF RI SC	P21085-001
	DRV SSD 960GB SFF SATA MU MV BC	P41528-001
	HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P41522-001
	DRV SSD 480GB SFF SATA MU MV BC	P41527-001
	DRV SSD 240GB SFF SATA RI MV BC	P41521-001
	DRV SSD 960GB SFF SATA RI MV BC	P41523-001
	HPE 3.84TB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P41530-001
	DRV SSD 1.92TB SFF SATA MU MV BC	P41529-001
	DRV SSD 1.92TB SFF SATA RI MV BC	P41524-001
	DRV SSD 3.84TB SFF SATA RI MV BC	P41525-001
9	**Solid state NVMe/PCIe Add-In-Card**	
	750GB PCIe x4 Write Intensive (WI), HH, Digitally Signed (DS) Card	P03580-001
	1.6TB Solid State Drive NVMe Gen 4 x8 High Performance Mixed Use, Digitally Signed Firmware	P28069-001
	NVMe cards	
	1.6TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Signed Firmware (DS) Card	P10670-001
	3.2TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Signed Firmware (DS) Card	P10671-001

	SPS-6.4TB NVMe x8 Mixed Use (MU), Half Height (HH), Digitally Si gned Firmware (DS) Card	P10672-001
10	**microSD**	
	Drive Dual 32GB USD to USB don gle	P23103-001
11	**Systems Insight Display**	
	Systems insight display module S mall form factor (SFF) with lablel	875563-001
	Large form factor (LFF) systems in sight display cables	875564-001
12	**Power switch**	
	USB small form factor (SFF) powe r/UID module	875565-001
	Power, Dual USB LFF, Gen10	P25160-001
13	**Universal Media Bay**	
	8 small form factor (SFF) DP/US B/Optical blank	875560-001
	Large form factor (LFF) display po rt/USB module	875562-001
14	**Drive backplane**	
	Hard drive 2-2.5 in small form fa ctor cage	875553-001
	2 - Small form factor (SFF) SAS/ SATA drive backplane plus cage as sembly	875554-001
	2- Small form factor (SFF) PCIe No n-Volatile Memory express (NVMe) interface drive backplane plus cag e assembly	875555-001
	PCA accommodates 10-2.5 in sma ll form factor (SFF) SAS/SATA bac kplane	875556-001
	2SFF Dual port drive backplane an d cage	875557-001
	1-Small form factor (SFF) rear dri ve backplane plus cage assembly - includes cable	875558-001
	SAS/SATA backplane board - For t he front 4-bay large form factor (L FF) hard drive cage - Up to 12 G	775402-001

	b/s transfer speed - Mounts on the rear of the drive cage	
	8-bay hot-plug Small Form Factor (SFF) backplane board - For eithe r SAS or SATA hard drives - Up to 6 Gb/s SATA and 12 Gb/s SAS tran sfer speed - Mounts on the rear of the 8-bay drive cage	780428-001
15	**Cable kit**	
	Cable Kit - MSAS HD 8/2/10SFF SAS/SATA	P03217-001
	28 AWG, 3-pin, Peripheral Compon ent Interconnect (PCI) to Controlle r, standard power cable	878645-001
	8 AWG, 3-pin, Peripheral Compone nt Interconnect (PCI) to Controller, LG power cable	878646-001
	2 and 8 cage small form factor (SF F) backplane cable kit	875566-001
	Cable kit - For use with Ten 2.5 in small form factor (SFF) drive cage	875567-001
	Hard drive backplane (4-Large For m Factor (LFF)) drive power cable	875568-001
	1 - Small form factor (SFF) rear ba ckplane SATA	875569-001
	4-Large Form Factor (LFF) Mini SAS cable kit	875572-001
	Small form factor SFF/2SFF Mini -SAS cable kit	875573-001
	SAS Cable kit - For use with 10 sm all form factor (SFF) NVMe	875574-001
	CA SWITCH HOOD INTR	875570-001
	Serial port cable 2x5p/9p	875571-001
16	**Pensando Distributed Services Platform**	
	Pensando DSP iLO Sideband ALOM Module	
	DSP HPE iLO Mgmt ALOM Module	P27683-001
	Smart I/O (Pensando Distributed Services Platform)	
	PCA DSP DSC-25 10/25G 2p SFP 28 Card	P27682-001
	HPE NS204i-p NVMe OS Boot Device	

	PCA B102ip Smart Boot Solution	P14379-001
	480GB Solid State Drive - NVMe x 4 M.2 22110	P24886-001
17	**Accelerator and GPU**	
	NVIDIA Quadro P2000 GPU module - 3.0 TFLOPS, GPU memory 5GB GDDR5, memory bandwidth 140 GB/s, PCI Express 3.0 x16	871969-001
	NVIDIA Quadro P4000 GPU Module - 5.3 TFLOPS,GPU memory 8GB GDDR5, memory bandwidth 243 GB/s,PCI Express 3.0 x16	871970-001
	NVIDIA Quadro RTX4000 Module	P11603-001
	HPE NVIDIA Quadro P2200 Graphics Accelerator	P16021-001
	Performance and Coverage Analyser (PCA) HPE NVIDIA Tesla T4 16 GB	P09571-001
	Intel Arria 10 GX FPGA Accelerator	P02425-001
	RISER, Tertiary, x16FH, UPG	P26841-001
18	**HPE Trusted Platform Module 2.0**	
	PCA TPM Gen10 TAA	872159-001

Option Parts

Subtopics

New model specific parts lists
Processors
Memory
Power supplies
Drives
Internal - 6G SATA-Dual M.2 enabling kits
Hard drive blank kits
Networking
HPE Computation and graphics accelerators
Embedded management
Converged infrastructure management software

PCIe Workload accelerator options
HPE Security
HPE Boot controllers
Storage controllers
HPE Storage
HPE Rack
USB and SD options
HPE Support services
Unique options
Cables
HPE Smart IO

New model specific parts lists

IMPORTANT: To obtain current part number information for a specific product model, use the Standard Models page for this product family.

- The product Standard Models page now links the model SKU numbers to the spare parts list for each model found on the HPE PartSurfer website. (To report missing or incorrect parts information in PartSurfer, please use the "Contact us" and "Missing or incorrect data" links within the PartSurfer website utility).
- To look up RoHS-compliant information in PartSurfer, use the component's option part number or the sales order number for a system in which the component is used (Available in the QuickSpecs or Standard Models page).

Processors

Table 1. Second generation processors

Description	Option Part Number
Intel Xeon-Platinum processors	
Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02679-B21
Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) Factory Installation Option (FIO) processor kit for HP E ProLiant DL360 Gen10	P02679-L21

Description	Option Part Number
Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02718-B21
Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02718-L21
Intel Xeon-Platinum 8276 (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02676-B21
Intel Xeon-Platinum 8276 (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02676-L21
Intel Xeon-Platinum 8276L (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02715-B21
Intel Xeon-Platinum 8276L (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02715-L21
Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02673-B21
Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02673-L21
Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02670-B21
Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02670-L21
Intel Xeon-Platinum 8260 (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02661-B21
Intel Xeon-Platinum 8260 (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02661-L21
Intel Xeon-Platinum 8260L (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02712-B21
Intel Xeon-Platinum 8260L (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02712-L21
Intel Xeon-Platinum 8260Y (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02682-B21
Intel Xeon-Platinum 8260Y (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02682-L21

Description	Option Part Number
Intel Xeon-Platinum 8256 (3.8 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P02655-B21
Intel Xeon-Platinum 8256 (3.8 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02655-L21
Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02652-B21
Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02652-L21
Intel Xeon-Gold processors	
Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) processor kit for HPE ProLiant DL360 Gen10	P11842-B21
Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11842-L21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24488-B21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24488-L21
Intel Xeon-Gold 6256 (3.6 GHz/12-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P23744-B21
Intel Xeon-Gold 6256 (3.6 GHz/12-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P23744-L21
Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) processor kit for HPE ProLiant DL360 Gen10	P02649-B21
Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02649-L21
Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02646-B21
Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02646-L21
Intel Xeon-Gold 6252N (2.3 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P11851-B21

Description	Option Part Number
Intel Xeon-Gold 6252N (2.3 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11851-L21
Intel Xeon-Gold 6250L(3.9 GHz/8-core/185 W) processor kit for HPE ProLiant DL360 Gen10	P28257-B21
Intel Xeon-Gold 6250L(3.9 GHz/8-core/185 W) FIO processor kit for HPE ProLiant DL360 Gen10	P28257-L21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) processor kit for HPE ProLiant DL360 Gen10	P23741-B21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) FIO processor kit for HPE ProLiant DL360 Gen10	P23741-L21
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24487-B21
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24487-L21
Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02640-B21
Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02640-L21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24486-B21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) FIO Processor Kit for HPE ProLiantDL360 Gen10	P24486-L21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P15443-B21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15443-L21
Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02634-B21
Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02634-L21
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24485-B21

Description	Option Part Number
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24485-L21
Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02628-B21
Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02628-L21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P24484-B21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24484-L21
Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02625-B21
Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02625-L21
Intel Xeon-Gold 6240Y (2.6 GHz/18-14-8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02613-B21
Intel Xeon-Gold 6240Y (2.6 GHz/18-14-8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02613-L21
Intel Xeon-Gold 6240L (2.6 GHz/18-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02643-B21
Intel Xeon-Gold 6240L (2.6 GHz/18-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02643-L21
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P24483-B21
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24483-L21
Intel Xeon-Gold 6238 (2.1 GHz/22-core/140W) processor kit for HPE ProLiant DL360 Gen10	P02637-B21
Intel Xeon-Gold 6238 (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	P02637-L21
Intel Xeon-Gold 6238L (2.1 GHz/22-core/140W) processor kit for HPE ProLiant DL360 Gen10	P02658-B21

Description	Option Part Number
Intel Xeon-Gold 6238L (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	P02658-L21
Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	P02604-B21
Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02604-L21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P24482-B21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) FIO Processor Kit for HPE ProLiant DL360 Gen10	P24482-L21
Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02607-B21
Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02607-L21
Intel Xeon-Gold 6230N (2.3 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P11848-B21
Intel Xeon-Gold 6230N (2.3 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11848-L21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) Processor Kit for HPE ProLiant DL360Gen10	P24481-B21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24481-L21
Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02601-B21
Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02601-L21
Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) processor kit for HPE ProLiant DL360 Gen10	P11839-B21
Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11839-L21
Intel Xeon-Gold 6212U (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02667-B21

Description	Option Part Number
Intel Xeon-Gold 6212U (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02667-L21
Intel Xeon-Gold 6210U (2.5 GHz/20-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02631-B21
Intel Xeon-Gold 6210U (2.5 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02631-L21
Intel Xeon-Gold 6209U (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02622-B21
Intel Xeon-Gold 6209U (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02622-L21
Intel Xeon-Gold 6208U (2.9 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P24489-B21
Intel Xeon-Gold 6208U (2.9 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24489-L21
Intel Xeon-Gold 5222 (3.8 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P02709-B21
Intel Xeon-Gold 5222 (3.8 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02709-L21
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P15995-B21
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15995-L21
Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02595-B21
Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02595-L21
Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02577-B21
Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02577-L21
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P24480-B21

Description	Option Part Number
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24480-L21
Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02592-B21
Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02592-L21
Intel Xeon-Gold 5218N (2.3 GHz/16-core/110 W) processor kit for HPE ProLiant DL360 Gen10	P11845-B21
Intel Xeon-Gold 5218N (2.3 GHz/16-core/110 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11845-L21
Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P12516-B21
Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P12516-L21
Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) processor kit for HPE ProLiant DL360 Gen10	P02589-B21
Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02589-L21
Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02586-B21
Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02586-L21
Intel Xeon-Gold 5215L (2.5 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02706-B21
Intel Xeon-Gold 5215L (2.5 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02706-L21
Intel Xeon-Silver processors	
Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P02583-B21
Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02583-L21

Description	Option Part Number
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	P24479-B21
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24479-L21
Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02598-B21
Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02598-L21
Intel Xeon-Silver 4214Y (2.2 GHz/12-10-8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02610-B21
Intel Xeon-Silver 4214Y (2.2 GHz/12-10-8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02610-L21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P15977-B21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15977-L21
Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02580-B21
Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02580-L21
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P15974-B21
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15974-L21
Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02574-B21
Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02574-L21
Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02571-B21
Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02571-L21

Description	Option Part Number
Intel Xeon-Bronze processors	
Intel Xeon-Bronze 3204 (1.9 GHz/6-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02565-B21
Intel Xeon-Bronze 3204 (1.9 GHz/6-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02565-L21
Intel Xeon-Bronze 3206R(1.9 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P15968-B21
Intel Xeon-Bronze 3206R(1.9 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15968-L21

NOTE

- Mixing of 2 different processor models is not supported.
- For first processor, -L21 kit will include 5 fans. With the exception of Xeon-Gold 6256, Gold 6250L, Gold 6250, Gold 6212U, Gold 6210U, Gold 6209U & Gold 6208U processors, -B21 kits include 2 fans (For 4 LFF and 8 SFF CTO Server, 10 NVMe CTO Server always includes 7 High performance fans).
- Processors with 130 W or higher will ship with the High performance heat sink plus SKUs 8256, 5222. All other processors will ship with the Standard heat sink.
- When 2nd Generation Intel Xeon Scalable Processor is selected, then only DDR4-2933 Memory Kit can be selected
- Select one –L21 processor required, For second processor, select the same processor model with –B21. For example: first processor, select P02679-L21 then for second processor, select P02679-B21.
- P28257-B21, P28257-L21, P23741-B21, P23741-L21 NVMe SSDs not supported with these processors, Not supported on Premium 10SFF NVMe chassis, Ambient temperature support up to 25C on 4LFF and 8SFF configurations. 2SFF cages not supported, High performance fans are required.

Table 2. First generation processors

Description	Option Part Number
Intel Xeon-Platinum processors	
Intel Xeon-Platinum 8180M (2.5 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	876099-B21

Description	Option Part Number
Intel Xeon-Platinum 8180M (2.5 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	876099-L21
Intel Xeon-Platinum 8180 (2.5 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	867988-B21
Intel Xeon-Platinum 8180 (2.5 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	867988-L21
Intel Xeon-Platinum 8176 (2.1 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	870982-B21
Intel Xeon-Platinum 8176 (2.1 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	870982-L21
Intel Xeon-Platinum 8170 (2.1 GHz/26-core/165 W) processor kit for HPE ProLiant DL360 Gen10	870980-B21
Intel Xeon-Platinum 8170 (2.1 GHz/26-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	870980-L21
Intel Xeon-Platinum 8168 (2.7 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	870978-B21
Intel Xeon-Platinum 8168 (2.7 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	870978-L21
Intel Xeon-Platinum 8165 (2.3 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	879121-B21
Intel Xeon-Platinum 8165 (2.3 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	879121-L21
Intel Xeon-Platinum 8164 (2.0GHz/26-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870976-B21
Intel Xeon-Platinum 8164 (2.0GHz/26-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870976-L21
Intel Xeon-Platinum 8160M (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	876093-B21
Intel Xeon-Platinum 8160M (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	876093-L21
Intel Xeon-Platinum 8160 (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870974-B21

Description	Option Part Number
Intel Xeon-Platinum 8160 (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870974-L21
Intel Xeon-Platinum 8158 (3.0 GHz/12-core/150 W) processor kit for HPE ProLiant DL360 Gen10	874455-B21
Intel Xeon-Platinum 8158 (3.0 GHz/12-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	874455-L21
Intel Xeon-Platinum 8153 (2.0GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	870972-B21
Intel Xeon-Platinum 8153 (2.0GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	870972-L21
Intel Xeon-Gold processors	
Intel Xeon-Gold 6154 (3.0 GHz/18-core/200 W) p rocessor kit for HPE ProLiant DL360 Gen10	870970-B21
Intel Xeon-Gold 6154 (3.0 GHz/18-core/200 W) FIO processor kit for HPE ProLiant DL360 Gen10	870970-L21
Intel Xeon-Gold 6152 (2.1 GHz/22-core/140W) p rocessor kit for HPE ProLiant DL360 Gen10	860677-B21
Intel Xeon-Gold 6152 (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860677-L21
Intel Xeon-Gold 6150 (2.7 GHz/18-core/165 W) p rocessor kit for HPE ProLiant DL360 Gen10	860675-B21
Intel Xeon-Gold 6150 (2.7 GHz/18-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	860675-L21
Intel Xeon-Gold 6148 (2.4 GHz/20-core/150 W) p rocessor kit for HPE ProLiant DL360 Gen10	860673-B21
Intel Xeon-Gold 6148 (2.4 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860673-L21
Intel Xeon-Gold 6146 (3.2 GHz/12-core/165 W) p rocessor kit for HPE ProLiant DL360 Gen10	860671-B21
Intel Xeon-Gold 6146 (3.2 GHz/12-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	860671-L21

Description	Option Part Number
Intel Xeon-Gold 6144 (3.5 GHz/8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870966-B21
Intel Xeon-Gold 6144 (3.5 GHz/8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870966-L21
Intel Xeon-Gold 6143 (2.8 GHz/16-core/205 W) processor kit for HPE ProLiant DL360 Gen10	879118-B21
Intel Xeon-Gold 6143 (2.8 GHz/16-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	879118-L21
Intel Xeon-Gold 6142 (2.6 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	860669-B21
Intel Xeon-Gold 6142 (2.6 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860669-L21
Intel Xeon-Gold 6140 (2.3 GHz/18-core/140W) processor kit for HPE ProLiant DL360 Gen10	860667-B21
Intel Xeon-Gold 6140 (2.3 GHz/18-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860667-L21
Intel Xeon-Gold 6138 (2.0GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	870968-B21
Intel Xeon-Gold 6138 (2.0GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	870968-L21
Intel Xeon-Gold 6136 (3.0 GHz/12-core/150 W) processor kit for HPE ProLiant DL360 Gen10	860691-B21
Intel Xeon-Gold 6136 (3.0 GHz/12-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860691-L21
Intel Xeon-Gold 6134M (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	876087-B21
Intel Xeon-Gold 6134M (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	876087-L21
Intel Xeon-Gold 6134 (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	860689-B21
Intel Xeon-Gold 6134 (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	860689-L21

Description	Option Part Number
Intel Xeon-Gold 6132 (2.6 GHz/14-core/140W) processor kit for HPE ProLiant DL360 Gen10	860681-B21
Intel Xeon-Gold 6132 (2.6 GHz/14-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860681-L21
Intel Xeon-Gold 6130 (2.1 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	860687-B21
Intel Xeon-Gold 6130 (2.1 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	860687-L21
Intel Xeon-Gold 6128 (3.4 GHz/6-core/115 W) processor kit for HPE ProLiant DL360 Gen10	860685-B21
Intel Xeon-Gold 6128 (3.4 GHz/6-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	860685-L21
Intel Xeon-Gold 6126 (2.6 GHz/12-core/125 W) processor kit for HPE ProLiant DL360 Gen10	860683-B21
Intel Xeon-Gold 6126 (2.6 GHz/12-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	860683-L21
Intel Xeon-Gold 5122 (3.6 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860679-B21
Intel Xeon-Gold 5122 (3.6 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860679-L21
Intel Xeon-Gold 5120 (2.2 GHz/14-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860665-B21
Intel Xeon-Gold 5120 (2.2 GHz/14-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860665-L21
Intel Xeon-Gold 5118 (2.3 GHz/12-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860663-B21
Intel Xeon-Gold 5118 (2.3 GHz/12-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860663-L21
Intel Xeon-Gold 5117 (2.0GHz/14-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P00793-B21
Intel Xeon-Gold 5117 (2.0GHz/14-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P00793-L21

Description	Option Part Number
Intel Xeon-Gold 5115 (2.4 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860661-B21
Intel Xeon-Gold 5115 (2.4 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860661-L21
Intel Xeon-Silver Processor	
Intel Xeon-Silver 4116 (2.1 GHz/12-core/85 W) processor kit for HPE ProLiant DL360 Gen10	874449-B21
Intel Xeon-Silver 4116 (2.1 GHz/12-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	874449-L21
Intel Xeon-Silver 4114 (2.2 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860657-B21
Intel Xeon-Silver 4114 (2.2 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860657-L21
Intel Xeon-Silver 4112 (2.6 GHz/4-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860659-B21
Intel Xeon-Silver 4112 (2.6 GHz/4-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860659-L21
Intel Xeon-Silver 4110 (2.1 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860653-B21
Intel Xeon-Silver 4110 (2.1 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860653-L21
Intel Xeon-Silver 4108 (1.8 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860655-B21
Intel Xeon-Silver 4108 (1.8 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860655-L21
Intel Xeon-Bronze processor	
Intel Xeon-Bronze 3106 (1.7GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860651-B21
Intel Xeon-Bronze 3106 (1.7GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860651-L21

Description	Option Part Number
Intel Xeon-Bronze 3104 (1.7GHz/6-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860649-B21
Intel Xeon-Bronze 3104 (1.7GHz/6-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860649-L21

NOTE

- For first processor, -L21 kit will include 5 fans. With the exception of Xeon-Gold 6212U, Gold 6210U processors, -B21 kits include 2 fans (for 4 LFF and 8 SFF CTO Server, 10 NVMe CTO Server always includes 7 High performance fans)
- Mixing of 2 different processor models are not allowed.
- DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of Dual In-line Memory Module (DIMMs) installed.
- Processors with 130 W or higher will ship with the High performance heat sink plus SKUs 8156, 6128, 5122. All other will processors will ship with the standard heat sink.
- Processor ships with High performance heatsink.
- 879118-B21, 879121-L21 and 879121-B21 Requires the High performance fan kit (871244-B21).
- 879118-B21, 879121-L21 and 879121-B21 supports core boosting. To enable this feature an iLO advanced, or iLO advanced premium security edition license are required.

Memory

Description	Option Part Number
Registered Dual In-line Memory Module (RDIMMs) for 2nd generation Intel Xeon scalable series	
HPE 64GB (1 x 64GB) dual rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00930-B21
HPE 32GB (1 x 32GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Memory Kit	P38446-B21
HPE 32GB (1 x 32GB) dual rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00924-B21

Description	Option Part Number
HPE 16GB (1 x 16GB) dual rank x8 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00922-B21
HPE 16GB (1 x 16GB) single rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00920-B21
HPE 8GB (1 x 8GB) single rank x8 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00918-B21
Load Registered Dual In-line Memory Module (LRDIMMs) for 2nd generation Intel Xeon scalable series	
HPE 128GB (1 x 128GB) octal rank x4 DDR4-2933 CAS-24-21-21 load reduced 3DS smart memory kit	P00928-B21
HPE 64GB (1 x 64GB) quad rank x4 DDR4-2933 CAS-21-21-21 load reduced smart memory kit	P11040-B21
HPE 64GB (1 x 64GB) quad rank x4 DDR4-2933 CAS-21-21-21 load reduced smart memory kit	P00926-B21
RDIMMs For 1st generation Intel Xeon scalable series	
HPE 32GB (1 x 32GB) dual rank x 4 DDR4-2666 CAS-19-19-19 registered memory kit	815100-B21
HPE 16GB (1 x 16GB) single rank x 4 DDR4-2666 CAS-19-19-19 registered memory kit	815098-B21
HPE 16GB (1 x 16GB) dual rank x 8 DDR4-2666 CAS-19-19-19 registered memory kit	835955-B21
HPE 8GB (1 x 8GB) single rank x 8 DDR4-2666 CAS-19-19-19 registered memory kit	815097-B21
LRDIMMs For 1st generation Intel Xeon scalable series	
HPE 128GB (1 x 128GB) octal rank x 4 DDR4-2666 CAS-22-19-19 3DS load reduced memory kit	815102-B21
HPE 64GB (1 x 64GB) quad rank x 4 DDR4-2666 CAS-19-19-19 load reduced memory kit	815101-B21
HPE Persistent memory [1]	
Intel Optane 512GB persistent memory 100 Series for HPE	835810-B21

Description	Option Part Number
Intel Optane 256GB persistent memory 100 Series for HPE	835807-B21
Intel Optane 128GB persistent memory 100 Series for HPE	835804-B21
HPE Persistent memory (NVDIMM) [2]	
HPE 16GB NVDIMM single rank x4 DDR4-2666 module kit	845264-B21



NOTE

1. A maximum of 12 HPE Persistent Memory Kits supported on the following 2nd Generation Intel Xeon Scalable Processor series (Platinum 8200, Gold 6200, Gold 5200, Silver 4215 and 4215R).
2.
   - Can only be mixed with RDIMMs.
   - Maximum of 12 NVDIMMs supported with 1st generation Intel Xeon Scalable processors.

Click here to view more information regarding HPE Persistent Memory Population Rules and Guidelines for Gen10.

Power supplies

Description	Option Part Number
HPE 500 W Flex slot platinum hot plug low halogen power supply kit	865408-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865438-B21
HPE 1000 W Flex Slot Titanium Hot Plug Power Supply Kit	P03178-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865414-B21

Description	Option Part Number
HPE 800 W Flex slot -48 V dc hot plug low halogen power supply kit	865434-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865428-B21
HPE 1600 W Flex slot platinum hot plug low halogen power supply kit	830272-B21

NOTE

- Mixing of 2 different power supplies are not allowed.
- 1600 W power supplies only support high line voltage (200 to 240 V ac).

Drives

Table 1. HPE Hard Disk Drives (HDD)

Description	Option Part Number
Enterprise - 12G SAS - Small Form Factor (SFF) drives	
HPE 2.4TB SAS 12G Enterprise 10K SFF (2.5 in) SC 3-year warranty Digitally Signed (DS) firmware HDD	881457-B21
HPE 1.8TB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty 512e DS firmware HDD	872481-B21
HPE 1.2TB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872479-B21
HPE 900GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870759-B21
HPE 600GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870757-B21
HPE 600GB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872477-B21

Description	Option Part Number
HPE 300GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870753-B21
HPE 300GB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872475-B21
Midline (MDL) - 6G SATA - Large Form Factor (LFF) drives	
HPE 20TB SATA 6G Business Critical 7.2K LFF SC 1-year Warranty Helium 512e ISE Multi Vendor HDD	P53555-B21
HPE 18TB SATA 6G Business critical 7.2K LFF SC 1-year warranty 512e ISE HDD	P37673-B21
HPE 16TB SATA 6G Business critical 7.2K LFF (3.5 in) SC 1-year warranty 512e ISE HDD	P23857-B21
HPE 14TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	P09163-B21
HPE 12TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	881785-B21
HPE 10TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	857648-B21
HPE 8TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e DS firmware HDD	819203-B21
HPE 6TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	861750-B21
HPE 4TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872491-B21
HPE 2TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872489-B21
HPE 1TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty HDD	861691-B21
Read Intensive - 24G SAS - SFF – Basic Carrier Solid State Drives (Only for use with BroadcomMegaRAID)	
HPE 15.36TB SAS 24G Read Intensive SFF BC Multi Vendor SSD	P49045-B21
HPE 3.84TB SAS Read Intensive SFF BC Self-encrypting FIPS 140-3 PM7 SSD	P63875-B21

Description	Option Part Number
HPE 1.6TB SAS Mixed Use SFF BC Self-encrypting FIPS 140-3 PM7 SSD	P63871-B21
Read Intensive - 12G SAS - SFF - Solid State Drives	
HPE 15.36TB SAS 12G Read Intensive SFF SC Multi Vendor SSD	P49044-B21
HPE 7.68TB SAS 12G Read Intensive SFF SC Multi Vendor SSD	P49039-B21
HPE 3.84TB SAS 12G Read Intensive SFF SC Multi Vendor SSD	P49034-B21
HPE 1.92TB SAS 12G Read Intensive SFF SC Multi Vendor SSD	P49030-B21
HPE 960GB SAS 12G Read Intensive SFF SC Multi Vendor SSD	P49028-B21
Mixed Use - 12G SAS - SFF – Basic Carrier Solid State Drives (Only for use with BroadcomMegaRAID)	
HPE 3.84TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD	P40508-B21
HPE 3.84TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD	P40512-B21
HPE 1.92TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD	P40511-B21
HPE 1.92TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD	P40507-B21
HPE 960GB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD	P40510-B21
Mixed Use - 12G SAS - SFF - Solid State Drives (Only for use with Broadcom MegaRAID)	
HPE 6.4TB SAS 24G Mixed Use SFF BC Multi Vendor SSD	P49057-B21
HPE 3.2TB SAS 24G Mixed Use SFF BC Multi Vendor SSD	P49053-B21
HPE 1.6TB SAS 24G Mixed Use SFF BC Multi Vendor SSD	P49049-B21
HPE 800GB SAS 24G Mixed Use SFF BC Multi Vendor SSD	P49047-B21
MDL 6G SATA - SFF drives	
HPE 1TB SATA 6G MDL 7.2 K SFF (2.5 in) SC 1-year warranty DS firmware HDD	655710-B21

Description	Option Part Number
HPE 2TB SATA 6G MDL 7.2 K SFF (2.5 in) SC 1-year warranty 512e DS firmware HDD	765455-B21
MDL - 12G SAS - LFF drives	
HPE 20TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty Helium 512e ISE Multi Vendor HDD	P53552-B21
HPE 14TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-ye ar warranty helium 512e DS firmware HDD	P09153-B21
HPE 18TB SAS 12G Business Critical 7.2K LFF SC 1 -year warranty 512e ISE HDD	P37664-B21
HPE 12TB SAS 12G MDL 7.2 K LFF (3. 5 in) SC 1-ye ar warranty helium 512e DS firmware HDD	881779-B21
HPE 10TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-ye ar warranty 512e HDD	857644-B21
HPE 16TB SAS 12G Business critical 7.2K LFF (3.5 i n) SC 1-year warranty 512e ISE HDD	P23863-B21
HPE 8TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	819201-B21
HPE 6TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	861754-B21
HPE 4TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872487-B21
HPE 2TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872485-B21
Enterprise-12G SAS -LFF Drives	
HPE 600GB SAS 12G Enterprise 15K LFF (3.5 in) S CC 3yr Wty DS Firmware HDD	P04695-B21
HPE 300GB SAS 12G Enterprise 15K LFF (3.5 in) S CC 3yr Wty DS Firmware HDD	P04693-B21
MDL - 12G SAS - SFF drives	
HPE 1TB SAS 12G MDL 7.2 K SFF (2.5 in) SC 1-year warranty HDD	832514-B21

Description	Option Part Number
HPE 2TB SAS 12G MDL 7.2 K SFF (2.5 in) SC 1-year warranty 512e HDD	765466-B21

Table 2. HPE Solid State Drives (SSD)

Description	Option Part Number
Read Intensive (RI) - 12G SAS - SFF - SSD	
HPE 15.3TB SAS 24G RI SFF SC PM6 SSD	P26314-B21
HPE 15.36TB SAS 12G RI SFF SC PM1643a SSD	P19911-B21
HPE 7.68TB SAS 12G RI SFF SC SS540 SSD	P21145-B21
HPE 7.68TB SAS 12G RI SFF SC PM1643a SSD	P19909-B21
HPE 7.68TB SAS 12G RI SFF SC PM5 SSD	P04523-B21
HPE 3.84TB SAS 24G RI SFF SC PM6 SSD	P26306-B21
HPE 3.84TB SAS 12G RI SFF SC SS540 SSD	P21143-B21
HPE 3.84TB SAS 12G RI SFF SC PM1643a SSD	P19907-B21
HPE 3.84TB SAS 12G RI SFF SC PM5 SSD	P04521-B21
HPE 1.92TB SAS 24G RI SFF SC PM6 SSD	P26302-B21
HPE 1.92TB SAS 12G RI SFF SC SS540 SSD	P21141-B21
HPE 1.92TB SAS 12G RI SFF SC PM1643a SSD	P19905-B21
HPE 1.92TB SAS 12G RI SFF SC PM5 SSD	P04519-B21
HPE 960GB SAS 24G RI SFF SC PM6 SSD	P26285-B21
HPE 960GB SAS 12G RI SFF SC SS540 SSD	P21139-B21
HPE 960GB SAS 12G RI SFF SC PM1643a SSD	P19903-B21
HPE 960GB SAS 12G RI SFF SC PM5 SSD	P04517-B21
Mixed Use (MU) -12G SAS - SFF - SSD	
HPE 6.4TB SAS 24G MU SFF SC PM6 SSD	P26362-B21

Description	Option Part Number
HPE 6.4TB SAS 12G MU SFF SC SS540 SSD	P21137-B21
HPE 6.4TB SAS 12G MU SFF SC PM1645a SSD	P19919-B21
HPE 6.4TBSAS 12G MU SFF (2.5 in) SC 3-year warranty DS firmware SSD	P09096-B21
HPE 3.2TB SAS 24G MU SFF SC PM6 SSD	P26358-B21
HPE 3.2TB SAS 12G MU SFF SC SS540 SSD	P21135-B21
HPE 3.2TB SAS 12G MU SFF (2.5 in) SC 3-year warranty DS firmware SSD	P09094-B21
HPE 1.6TB SAS 24G MU SFF SC PM6 SSD	P26354-B21
HPE 1.6TB SAS 12G MU SFF SC SS540 SSD	P21133-B21
HPE 1.6TB SAS 12G MU SFF SC PM1645a SSD	P19915-B21
HPE 960GB SAS 12G MU SFF SC value SAS RM5 SSD	P10448-B21
HPE 800GB SAS 24G MU SFF SC PM6 SSD	P26290-B21
HPE 800GB SAS 12G MU SFF SC SS540 SSD	P21131-B21
HPE 800GB SAS 12G MU SFF SC PM1645a SSD	P19913-B21
Write Intensive (WI) -12G SAS - SFF - SSD	
HPE 1.6TB SAS 24G WI SFF SC PM6 SSD	P26376-B21
HPE 1.6TB SAS 12G WI SFF SC SS540 SSD	P21129-B21
HPE 1.6TB SAS 12G WI SFF SC PM5 SSD	P04545-B21
HPE 800GB SAS 24G WI SFF SC PM6 SSD	P26372-B21
HPE 800GB SAS 12G WI SFF SC SS540 SSD	P21127-B21
HPE 800GB SAS 12G WI SFF SC PM5 SSD	P04543-B21
HPE 400GB SAS 24G WI SFF SC PM6 SSD	P26295-B21
HPE 400GB SAS 12G WI SFF SC SS540 SSD	P21125-B21

Description	Option Part Number
HPE 400GB SAS 12G WI SFF SC PM5 SSD	P04541-B21
RI - 12G Value SAS - SFF - SSD	
HPE 7.68TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P37003-B21
HPE 3.84TB SAS 24G Read Intensive SFF BC Multi Vendor SSD	P49035-B21
HPE 7.68TB SAS 12G RI SFFSC Value SAS RM5 SSD	P10446-B21
HPE 3.84TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P37001-B21
HPE 3.84TB SAS 12G RI SFF SC Value SAS RM5 SSD	P10444-B21
HPE 1.92TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P36999-B21
HPE 1.92TB SAS 12G RI SFF SC Value SAS RM5 SSD	P10442-B21
HPE 960GB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P36997-B21
HPE 960GB SAS 12G RI SFF SC Value SAS RM5 SSD	P10440-B21
MU - 12G Value SAS - SFF - SSD	
HPE 3.84TB SAS 12G Mixed Use SFF SC Value SAS Multi Vendor SSD	P37017-B21
HPE 3.84TB SAS 12G MU SFF SC Value SAS RM5 SSD	P10460-B21
HPE 1.92TB SAS 12G Mixed Use SFF SC Value SAS Multi Vendor SSD	P37011-B21
HPE 1.92TB SAS 12G MU SFF SC Value SAS RM5 SSD	P10454-B21
HPE 960GB SAS 12G MU SFF SC Value SAS Multi Vendor SSD	P37005-B21
Mixed Use - 12G SAS - SFF - Solid State Drives	

Description	Option Part Number
HPE 6.4TB SAS 12G Mixed Use SFF SC Multi Vendor SSD	P49056-B21
HPE 3.2TB SAS 12G Mixed Use SFF SC Multi Vendor SSD	P49052-B21
HPE 1.6TB SAS 12G Mixed Use SFF SC Multi Vendor SSD	P49048-B21
HPE 800GB SAS 12G Mixed Use SFF SC Multi Vendo r SSD	P49046-B21
Read Intensive – 6G SATA – SFF Basic Carrier Self-encrypting Solid State Drives	
HPE 1.92TB SATA 6G Read Intensive SFF BC Self-en crypting 5400P SSD	P58240-B21
HPE 480GB SATA 6G Read Intensive SFF BC Self-en crypting 5400P SSD	P58236-B21
Read Intensive – 6G SATA - SFF – Basic Carrier - Solid State Drives (Only for use with BroadcomMegaR AID)	
HPE 3.84TB SATA 6G Read Intensive SFF BC PM89 3a SSD	P63910-B21
HPE 3.84TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40500-B21
HPE 1.92TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40499-B21
HPE 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40498-B21
HPE 480GB SATA 6G Read Intensive SFF BC PM893 a SSD	P63886-B21
HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40497-B21
HPE 240GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40496-B21
Very Read Optimized (VRO) - 6G SATA - SFF - SSD	
HPE 7.68TB SATA 6G VRO SFF SC 5210 SSD	P23493-B21
HPE 3.84TB SATA 6G VRO SFF SC 5210 SSD	P23489-B21
HPE 1.92TB SATA 6G VRO SFF SC 5210 SSD	P23487-B21
RI - 6G SATA - SFF - SSD	

Description	Option Part Number
HPE 7.68TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor	P18430-B21
HPE 3.84TB SATA 6G Read Intensive SFF SC PM893a SSD	P63914-B21
HPE 3.84TB SATA 6G Read Intensive SFF SC PM893 SSD	P47813-B21
HPE 7.68TBSATA 6G RI SFF SC 5300P SSD	P19945-B21
HPE 3.84TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18428-B21
HPE 1.9TB SATA 6G Read Intensive SFF SC PM893 SSD	P47812-B21
HPE 3.84TB SATA 6G RI SFF SC PM883 SSD	P04570-B21
HPE 3.84TB SATA 6G RI SFF SC S4510 SSD	P05946-B21
HPE 960GB SATA 6G Read Intensive SFF SC PM893 SSD	P47811-B21
HPE 3.84TB SATA 6G RI SFF SC 5300P SSD	P19943-B21
HPE 3.84TB SATA 6G RI SFF SC SE4011 SSD	P06200-B21
HPE 1.92TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18426-B21
HPE 1.92TB SATA 6G RI SFF SC PM883 SSD	P04566-B21
HPE 1.92TB SATA 6G RI SFF SC S4510 SSD	P05938-B21
HPE 1.92TB SATA 6G RI SFF SC 5300P SSD	P19941-B21
HPE 1.92TB SATA 6G RI SFF SC SE4011 SSD	P06198-B21
HPE 960GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18424-B21
HPE 480GB SATA 6G Read Intensive SFF SC PM893a SSD	P63890-B21
HPE 480GB SATA 6G Read Intensive SFF SC PM893 SSD	P47810-B21
HPE 960GB SATA 6G RI SFF SC PM883 SSD	P04564-B21

Description	Option Part Number
HPE 960GB SATA 6G RI SFF SC S4510 SSD	P05932-B21
HPE 960GB SATA 6G RI SFF SC 5300P SSD	P19939-B21
HPE 960GB SATA 6G RI SFF SC SE4011 SSD	P06196-B21
HPE 480GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18422-B21
HPE 480GB SATA 6G RI SFF SC PM883 SSD	P04560-B21
HPE 480GB SATA 6G RI SFF SC S4510 SSD	P05928-B21
HPE 480GB SATA 6G RI SFF SC 5300P SSD	P19937-B21
HPE 480GB SATA 6G RI SFF SC SE4011 SSD	P06194-B21
HPE 240GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18420-B21
HPE 240GB SATA 6G RI SFF SC S4510 SSD	P05924-B21
HPE 240GB SATA 6G RI SFF SC PM883 SSD	P04556-B21
HPE 240GB SATA 6G RI SFF SC 5300P SSD	P19935-B21
Mixed Use – 6G SATA – SFF Basic Carrier Self-encrypting Solid State Drives	
HPE 1.92TB SATA 6G Mixed Use SFF BC Self-encrypting 5400M SSD	P58248-B21
HPE 960GB SATA 6G Mixed Use SFF BC Self-encrypting 5400M SSD	P58244-B21
Mixed Use – 6G SATA - SFF – Basic Carrier Solid State Drives (Only for use with Broadcom MegaRAID)	
HPE 3.84TB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40505-B21
HPE 1.92TB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40504-B21
HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40503-B21
HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40502-B21
Very Read Intensive – 6G SATA – SFF – Basic Carrier Solid State Drives (Only for use with Broadcom MegaRAID)	
HPE 7.68TB SATA 6G Very Read Optimized SFF BC 5400 SSD	P58228-B21

Description	Option Part Number
MU - 6G SATA - SFF - SSD	
HPE 3.84TB SATA 6G MU SFF SC 5300M SSD	P19953-B21
HPE 3.84TB SATA 6G MU SFF SC S4610 SSD	P05994-B21
HPE 3.84TB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18438-B21
HPE 1.92TB SATA 6G Mixed Use SFF SC PM897 SSD	P47816-B21
HPE 3.84TB SATA 6G MU SFF SC SM883 SSD	P21517-B21
HPE 3.84TB SATA 6G MU SFF RW SE5031 SSD	P13664-B21
HPE 1.92TB SATA 6G MU SFF SC 5300M SSD	P19951-B21
HPE 1.92TB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18436-B21
HPE 960GB SATA 6G Mixed Use SFF SC PM897 SSD	P47815-B21
HPE 1.92TB SATA 6G MU SFF SC SM883 SSD	P09722-B21
HPE 1.92TB SATA 6G MU SFF SC S4610 SSD	P05986-B21
HPE 1.92TB SATA 6G MU SFF SC SE5031 SSD	P13662-B21
HPE960GB SATA 6G MU SFF SC 5300M SSD	P19949-B21
HPE 960GB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18434-B21
HPE 480GB SATA 6G Mixed Use SFF SC PM897 SSD	P47814-B21
HPE 960GB SATA 6G MU SFF SC SM883 SSD	P09716-B21
HPE 960GB SATA 6G MU SFF SC S4610 SSD	P05980-B21
HPE 960GB SATA 6G MU SFF SC SE5031 SSD	P13660-B21
HPE 480GB SATA 6G MU SFF SC 5300M SSD	P19947-B21
HPE 480GB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18432-B21
HPE 480GB SATA 6G MU SFF SC SM883 SSD	P09712-B21

Description	Option Part Number
HPE 480GB SATA 6G MU SFF SC S4610 SSD	P05976-B21
HPE 480GB SATA 6G MU SFF SC SE5031 SSD	P13658-B21
Read Intensive - PCIe/NVMe - SFF - Solid State Drives	
HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF SCN U.2 P5520 SSD	P51456-B21
HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF SCN U.3 PM1733a SSD	P50220-B21
HPE 7.68TB NVMe Gen4 Mainstream Performance Read Intensive SFF SCN U.2 V2 Multi Vendor SSD	P64890-B21
HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF SCN U.2 P5520 SSD	P51454-B21
HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF SCN U.3 PM1733a SSD	P50217-B21
HPE 3.84TB NVMe Gen4 Mainstream Performance Read Intensive SFF SCN U.2 V2 Multi Vendor SSD	P64882-B21
HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF SCN Self-encrypting FIPS U.3 CM6 SSD	P44580-B21
HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF SCN U.2 P5520 SSD	P51452-B21
HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF SCN U.3 PM1733a SSD	P50214-B21
HPE 1.92TB NVMe Gen4 Mainstream Performance Read Intensive SFF SCN U.2 V2 Multi Vendor SSD	P64874-B21
HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF SCN Self-encrypting FIPS U.3 CM6 SSD	P44572-B21
RI - PCIe/NVMe - SFF - SSD	
HPE 15.36TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22282-B21
HPE 7.68TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19821-B21
HPE 7.68TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22280-B21
HPE 7.68TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20143-B21

Description	Option Part Number
HPE 7.68TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3 -year warranty DS firmware SSD	P07196-B21
HPE 4TB NVMe Gen3 High performance RI SFF SCN U.2 P4510 SSD	P13697-B21
HPE 3.84TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19817-B21
HPE 3.84TB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20019-B21
HPE 3.84TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22278-B21
HPE 3.84TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20141-B21
HPE 3.84TB NVMe Gen3 Mainstream performance RI SFF SCN U.2 PE6011 SSD	P13680-B21
HPE 3.84TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3 -year warranty DS firmware SSD	P10212-B21
HPE 2TB NVMe Gen3 High performance RI SFF SCN U.2 P4510 SSD	P13695-B21
HPE 1.92TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19813-B21
HPE 1.92TB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20017-B21
HPE 1.92TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20139-B21
HPE 1.92TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22276-B21
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3 -year warranty DS firmware SSD	P10214-B21
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3 -year warranty DS firmware SSD	P10210-B21
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3 -year warranty DS firmware SSD	P07192-B21

Description	Option Part Number
HPE 960GB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19809-B21
HPE 960GB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22331-B21
HPE 960GB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20015-B21
HPE 960GB NVMe Gen3 Mainstream performance RI SFF SCN U.2 PE6011 SSD	P13676-B21
MU - PCIe/NVMe - SFF - SSD	
HPE 12.8TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22274-B21
HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF SCN U.2 P5620 SSD	P51462-B21
HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735a SSD	P50231-B21
HPE 6.4TB NVMe Gen4 Mainstream Performance Mixed Use SFF SCN U.2 V2 Multi Vendor SSD	P64886-B21
HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF SCN U.2 P5620 SSD	P51460-B21
HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735a SSD	P50228-B21
HPE 6.4TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19837-B21
HPE 6.4TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20100-B21
HPE 3.2TB NVMe Gen4 Mainstream Performance Mixed Use SFF SCN U.2 V2 Multi Vendor SSD	P64878-B21
HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF SCN U.2 P5620 SSD	P51458-B21
HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735a SSD	P50225-B21
HPE 1.6TB NVMe Gen4 Mainstream Performance Mixed Use SFF SCN U.2 V2 Multi Vendor SSD	P64870-B21
HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF SCN Self-encrypting FIPS U.3 CM6 SSD	P44588-B21

Description	Option Part Number
HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF SCN Self-encrypting FIPS U.3 CM6 SSD	P44596-B21
HPE 6.4TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20207-B21
HPE 6.4TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22272-B21
HPE 6.4TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13674-B21
HPE 6.4TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13703-B21
HPE 3.2TB NVMe Gen4 Mainstream performance MU SFF SC U.3 PE8030 SSD	P19833-B21
HPE 3.2TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20098-B21
HPE 3.2TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20205-B21
HPE 3.2TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22270-B21
HPE 3.2TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13672-B21
HPE 3.2TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13701-B21
HPE 1.6TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19829-B21
HPE 1.6TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20096-B21
HPE 1.6TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20203-B21
HPE 1.6TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13670-B21
HPE 1.6TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22268-B21

Description	Option Part Number
HPE 1.6TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13699-B21
HPE 800GB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19825-B21
HPE 800GB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20094-B21
HPE 800GB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P25953-B21
HPE 800GB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13668-B21
HPE 800GB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22329-B21
HPE 800GB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3-year warranty DS firmware SSD	P07179-B21
Read Intensive – 6G SATA - M.2 - Solid State Media (2280 type)	
HPE 480GB SATA 6G Read Intensive M.2 Multi Vend or SSD	P47818-B21
HPE 240GB SATA 6G Read Intensive M.2 Multi Vend or SSD	P47817-B21
WI - PCIe/NVMe - SFF - SSD	
HPE 750GB NVMe Gen3 High performance low late ncy WI SFF SCN U.2 P4800X SSD	P06952-B21
HPE 375GB NVMe Gen3 High performance low late ncy WI SFF SCN U.2 P4800X SSD	878014-B21
RI - 6G SATA - M.2 UFF to SFF - SSD	
HPE Dual 480GB SATA 6G RI M.2 to SFF SCM 5300 P SSD Kit	P19896-B21
HPE Dual 240GB SATA 6G RI M.2 to SFF SCM 5300 B SSD Kit	P19894-B21
RI - 6GSATA - M.2 - Solid state media (2280 Type)	
HPE 960GB SATA 6G RI M.2 2280 5300P SSD	P19892-B21

Description	Option Part Number
HPE 480GB SATA 6G RI M.2 2280 5300P SSD	P19890-B21
HPE 240GB SATA 6G RI M.2 2280 5300B SSD	P19888-B21
MU - 12G Value SAS -LFF - SSD	
HPE 1.92TB SAS 12G Mixed Use LFF SCC Value SA S Multi Vendor SSD	P37013-B21
HPE 1.92TB SAS 12G MU LFF SCC Value SAS RM5 SSD	P10456-B21
HPE 800GB SAS 12G MU LFF SCC PM5 SSD	P04529-B21
MU - 6G SATA - LFF - SSD	
HPE 1.92TB SATA 6G MU LFF SCC SM883 SSD	P09724-B21
HPE 960GB SATA 6G MU LFF SCC SM883 SSD	P09718-B21
HPE 480GB SATA 6G MU LFF SCC 5300M SSD	P19978-B21
HPE 480GB SATA 6G MU LFF (3.5 in) SCC 3-year warranty DS firmware SSD	P07924-B21

NOTE

- SCM dual drive functionality only supported on HPE DL360 Gen10 1SFF SAS/SATA Re ar Backplane (867972-B21) or HPE DL360 Gen10 2SFF SATA UFF Backplane Kit (867 970-B21). Installation on any other bay will only show one M.2 drive per bay.
- NVMe SSDs not supported on Xeon-Gold 6250L or Gold 6250 processor based configu rations.

Internal - 6G SATA-Dual M.2 enabling kits

Description	Option Part Number
HPE Universal SATA 6G AIC HHHL M.2 SSD enable ment kit [1]	878783-B21

Description	Option Part Number
HPE DL360 Gen10 SATA M.2 2280 Riser kit [2]	867978-B21
Mixed Use - 12G Value SAS - LFF - Solid State Drives	
HPE 1.92TB SAS 12G Mixed Use LFF SCC Value SA S Multi Vendor SSD	P37013-B21
Mixed Use – 6G SATA - LFF - Solid State Drives	
HPE 960GB SATA 6G Mixed Use LFF SCC Multi Vend or SSD	P47419-B21
HPE 480GB SATA 6G Read Intensive LFF SCC Multi Vendor SSD	P47807-B21
Hard Drive Blank Kits	
HPE Large Form Factor Hard Drive Blank Kit	666986-B21
HPE Small Form Factor Hard Drive Blank Kit	666987-B21

NOTE

1. The Universal SATA M.2 Kit above will require a PCIe slot and support up to two of the same M.2 media cards.
2. The DL360 SATA M.2 Riser Kit is part of the Primary Riser so it will not take up a PCIe s lot and will support up to two of the same 2280 M.2 media cards

Hard drive blank kits

Description	Option Part Number
HPE LFF Hard drive blank kit	666986-B21
HPE SFF Hard drive blank kit	666987-B21

Networking

Description	Option Part Number
100 GbE Adapters	
HPE Ethernet 100Gb 1-port 842QSFP28 adapter	874253-B21
25 GbE Adapters	
Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P13188-B21
HPE Ethernet 10/25Gb 2-port 640SFP28 adapter	817753-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08458-B21
HPE Ethernet 10/25Gb 2-port 631SFP28 adapter	817718-B21
HPE Ethernet 10/25Gb 2-port 621SFP28 adapter	867328-B21
10 GbE Adapters	
HPE Ethernet 10Gb 2-port 537SFP+ adapter	P08421-B21
HPE Ethernet 10Gb 2-port 562T adapter	817738-B21
HPE Ethernet 10Gb 2-port 562SFP+ adapter	727055-B21
HPE Ethernet 10Gb 2-port 548SFP+ adapter	P11338-B21
HPE Ethernet 10Gb 2-port 535T adapter	813661-B21
HPE Ethernet 10Gb 2-port 524SFP+ adapter	P08446-B21
HPE Ethernet 10Gb 2-port 530SFP adapter	652503-B21
HPE Ethernet 10Gb 2-port 530T adapter	656596-B21
HPE Ethernet 10Gb 2-port 521T adapter	867707-B21
1 GbE Adapters	
HPE Ethernet 1Gb 4-port 366T adapter	811546-B21
HPE Ethernet 1Gb 4-port 331T adapter	647594-B21

Description	Option Part Number
HPE Ethernet 1Gb 2-port 361T adapter	652497-B21
HPE Ethernet 1Gb 2-port 332T adapter	615732-B21
FlexibleLOM adapters	
HPE Ethernet 10/25Gb 2-port 640FLR-SFP28 adapter	817749-B21
HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 adapter	817709-B21
HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 converged network adapter	867334-B21
HPE Ethernet 10Gb 2-port 537FLR-SFP+ adapter	P08440-B21
HPE Ethernet 10Gb 2-port 562FLR-SFP+ adapter	727054-B21
HPE Ethernet 10Gb 2-port 562FLR-T adapter	817745-B21
HPE FlexFabric 10Gb 4-port 536FLR-T adapter	764302-B21
HPE Ethernet 10Gb 2-port 535FLR-T adapter	817721-B21
HPE FlexFabric 10Gb 2-port 534FLR-SFP+ adapter	700751-B21
HPE FlexFabric 10Gb 2-port 533FLR-T adapter	700759-B21
HPE Ethernet 1Gb 4-port 331FLR adapter	629135-B22
HPE Ethernet 1Gb 4-port 366FLR adapter	665240-B21
HPE InfiniBand	
HPE InfiniBand EDR/ethernet 100Gb 2-port 841QSFP28 adapter	872726-B21
HPE InfiniBand HDR/ethernet 200Gb 1-port 940QSFP56 Adapter	P06154-B21
HPE InfiniBand HDR PCIe3 auxiliary card with 350 mm cable kit	P06154-B23
HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 adapter	P06251-B21

Description	Option Part Number
HPE InfiniBand HDR100/Ethernet 100Gb 1-port 940QSFP56 adapter	P06250-B21
HPE InfiniBand FDR/ethernet 10Gb/40Gb 2-port 544+QSFP adapter	764284-B21
HPE InfiniBand FDR/ethernet 40/50Gb 2-port 547FLR-QSFP adapter	879482-B21
HPE InfiniBand EDR 100Gb 1-port 841QSFP28 adapter	872725-B21
HPE InfiniBand EDR/ethernet 100Gb 2-port 840QSFP28 adapter	825111-B21
HPE 100Gb 1-port OP101 QSFP28 x 16 PCIe Gen3 with Intel Omni-Path architecture adapter	829335-B21

HPE Computation and graphics accelerators

Description	Option Part Number
Intel Arria 10 GX FPGA Accelerator for HPE	Q9B37C
NVIDIA A2 16GB PCIe Non-CEC Accelerator for HPE	R9H23C
NVIDIA Tesla T4 16GB Computational Accelerator for HPE	R0W29C [1]
NVIDIA Quadro RTX 4000 Graphics Accelerator for HPE	R1F95C [2]
NVIDIA Quadro P2200 Graphics Accelerator for HPE	R2U55C [3]
HPE DL360 Gen10 GPU CPU1 v2 Cable Kit	P23272-B21 [4]

NOTE

1. Requires High Performance Fan kit (871244-B21).
2. v2 GPU cable / enablement kit required.
3. If any of these accelerators is intended for slot 3 and configured with an AROC, the latter needs to have a low profile heatsink.

Description	Option Part Number

4. Replaces 871248-B21. Enhanced to support additional GPUs and compatible with all GPUs qualified on DL360 Gen10.

Embedded management

Description	Option Part Number
HPE iLO Advanced	
HPE iLO advanced including 1-year 24x7 technical support and updates 1-server LTU	512485-B21
HPE iLO advanced including 1-year 24x7 technical support and updates flexible quantity LTU	512486-B21
HPE iLO advanced including 1-year 24x7 technical support and updates tracking LTU	512487-B21
HPE iLO advanced including 3-year 24x7 technical support and updates 1-server LTU	BD505A
HPE iLO advanced including 3-year 24x7 technical support and updates flexible quantity LTU	BD506A
HPE iLO advanced including 3-year 24x7 technical support and updates tracking LTU	BD507A
HPE iLO advanced including 1-year 24x7 technical support and updates E-LTU	E6U59ABE
HPE iLO advanced including 3-year 24x7 technical support and updates E-LTU	E6U64ABE
Software as a Service Management	
HPE GreenLake for Compute Ops Management	
HPE GreenLake for Compute Ops Management Enhanced 3-year Upfront ProLiant SaaS	R7A11AAE
Additional Options	

Description	Option Part Number
HPE GreenLake for Compute Ops Management Enhanced 1-year Upfront ProLiant SaaS	R7A10AAE
HPE GreenLake for Compute Ops Management Enhanced 5-year Upfront ProLiant SaaS	R7A12AAE
HPE GreenLake for Compute Ops Management Base SaaS	R6Z73AAE
HPE iLO Common password setting [1]	
HPE iLO Common password FIO setting	P08040-B21



NOTE

1.

- Replaces iLO default randomized password by an HPE defined common password. HPE highly recommends changing this password immediately after the initial onboarding process.
- User who want to choose their own custom iLO default password should use the HPE Factory Express Integration Services.

Converged infrastructure management software

Description	Option Part Number
HPE OneView advanced (With HPE iLO advanced)	
HPE OneView including 3-year 24x7 support physical 1-server LTU	E5Y34A
HPE OneView for ProLiant DL server including 3-year 24x7 support FIO bundle physical 1-server LTU	E5Y43A
HPE OneView including 3-year 24x7 support flexible quantity E-LTU	E5Y35AAE
HPE OneView advanced (With HPE iLO advanced)	

Description	Option Part Number
HPE OneView without iLO including 3-year 24x7 support 1-server LTU	P8B24A
HPE OneView without iLO including 3-year 24x7 support track 1-server LTU	P8B25A
HPE OneView without iLO including 3-year 24x7 support flexible quantity E-LTU	P8B26AAE
HPE OneView without iLO including 3-year 24x7 support 1-server FIO LTU	P8B31A

PCIe Workload accelerator options

Description	Option Part Number
HPE 6.4TB NVMe Gen4 x8 High performance MU AIC Half-Height Half-Length (HHHL) PM1735 SSD	P26938-B21
HPE 6.4TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware card	P10268-B21
HPE 3.2TB NVMe Gen4 x8 High performance MU AIC HHHL PM1735 SSD	P26936-B21
HPE 3.2TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware card	P10266-B21
HPE 1.6TB NVMe Gen4 x8 High performance MU AIC HHHL PM1735 SSD	P26934-B21
HPE 1.6TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware Card	P10264-B21
HPE 750GB NVMe Gen3 x4 High performance low latency WI AIC HHHL P4800X SSD	878038-B21

HPE Security

Description	Option Part Number
HPE Trusted Platform Module (TPM) 2.0 Gen10 option [1]	864279-B21
HPE Server Platform LDevID FIO Setting	P49803-B21
HPE Server Identity LDevID FIO Setting	P49814-B21
HPE Trusted supply chain FIO configuration	P36394-B21
HPE DL360 Gen10 Chassis intrusion detection kit [2]	867984-B21
HPE 1U Gen10 Bezel kit	867998-B21
HPE Bezel lock kit	875519-B21
HPE Gen10 TPM 1.2 FIO Setting [3]	872108-B21
HPE Legacy FIO Mode Setting [4]	758959-B22
HPE CE Mark Removal FIO Enablement Kit	P35876-B21

NOTE

1.
   - HPE TPM 2.0 option works with Gen10 servers with UEFI Mode not Legacy Mode. It is not compatible with HPE ProLiant Gen8 servers or earlier generation variants.
   - HPE Server systems can have a TPM module (of any type) installed only once. It cannot be replaced with any other TPM module.
2. This provides a physical connection from the chassis board and hood and detects any physical intrusion into the chassis, providing security during the entire supply chain process of shipping, receiving, distribution, and operation.
3. This is a FIO setting to allows the TPM 2.0 module to operate in a TPM 1.2 mode.
4. UEFI is the default, this FIO part can be used for CTO to enable Legacy mode.

HPE Boot controllers

Description	Option Part Number
HPE NS204i-p NVMe PCIe3 OS Boot device	P12965-B21

Storage controllers

Description	Option Part Number
HPE Flexible smart array controllers	
HPE Smart array P816i-a SR Gen10 (16 Internal lanes/4GB cache/Smartcache) 12G SAS modular controller	804338-B21
HPE Smart array P408i-a SR Gen10 (8 Internal lanes/2GB cache) 12G SAS modular controller	804331-B21
HPE Smart array P816i-a SR Gen10 (16 Internal lanes/4GB cache/Smartcache) 12G SAS modular Low Height (LH) controller	869083-B21
HPE Smart array P408i-a SR Gen10 (8 Internal lanes/2GB cache) 12G SAS modular LH controller	869081-B21
HPE Smart array E208i-a SR Gen10 (8 Internal lanes/No cache) 12G SAS modular LH controller	869079-B21
HPE Smart array E208i-a SR Gen10 (8 Internal lanes/No cache) 12G SAS modular controller [1]	804326-B21
HPE Smart array controllers	
HPE Smart array P824i-p MR Gen10 (24 Internal lanes/4GB cache/Cache Cade) 12G SAS PCIe controller [2]	870658-B21
HPE Smart array P408e-p SR Gen10 (8 External lanes/4GB cache) 12G SAS PCIe Plug-In controller	804405-B21
HPE Smart array P408i-p SR Gen10 (8 Internal lanes/2GB cache) 12G SAS PCIe Plug-In controller [3]	830824-B21

Description	Option Part Number
HPE Smart array E208e-p SR Gen10 (8 External lanes/no cache) 12G SAS PCIe Plug-In controller	804398-B21
HPE Smart array E208i-p SR Gen10 (8 Internal lanes/no cache) 12G SAS PCIe Plug-In controller [3]	804394-B21
HPE 96 W smart storage battery (Up to 20 devices) with 145 mm cable kit [4]	P01366-B21
HPE Smart storage hybrid capacitor with 145 mm cable kit [5]	P02377-B21

NOTE

1. The Low Height (LH) controller is required when a PCIe card that exceeds half-length is used in slots 2 or 3.
2. SFF only, not supported on LFF chassis. Not supported on slot 3.
3. Not supported on slot 3.
4. Supports up to 6 P-class Smart Array controllers.
5. Supports up to 3 P-class Smart Array controllers.

HPE Storage

Description	Option Part Number
Emulex Fibre Channel (FC) Host Bus Adapter (HBA)	
HPE StoreFabric SN1200E 16Gb single port FC HBA	Q0L13A
HPE StoreFabric SN1200E 16Gb dual port FC HBA	Q0L14A
HPE StoreFabric SN1600E 32Gb single port FC HBA	Q0L11A
HPE StoreFabric SN1600E 32Gb dual port FC HBA	Q0L12A
QLogic FC HBAs	
HPE StoreFabric SN1100Q 16Gb single port FC HBA	P9D93A

Description	Option Part Number
HPE StoreFabric SN1100Q 16Gb dual port FC HBA	P9D94A
HPE SN1610Q 32Gb 1-port FC HBA	R2E08A
HPE StoreFabric SN1600Q 32Gb single port FC HBA	P9M75A
HPE SN1610Q 32Gb 2-port FC HBA	R2E09A
HPE StoreFabric SN1600Q 32Gb dual port FC HBA	P9M76A
HPE SN1610E 32Gb 1-port FC HBA	R2J62A
HPE SN1610E 32Gb 2-port FC HBA	R2J63A
Converged Network Adapter (CNA)	
HPE StoreFabric CN1300R 10/25Gb dual port CNA	Q0F09A
HPE StoreFabric CN1200R 10GBASE-T CNA	Q0F26A

HPE Rack

Description	Option Part Number
Rail kits	
HPE 1U Gen10 SFF easy install rail kit	874543-B21
HP 1U LFF Gen9 easy install rail kit	789388-B21
HPE 1U Cable management arm for rail kit [1]	734811-B21
HPE 1U Gen10 SFF Ball bearing rail kit	872252-B21
HPE 1U Gen10 LFF Ball bearing rail kit [2]	879003-B21

NOTE

1. Supports both the easy install and ball bearing rail kits.

Description	Option Part Number

2. HPE rail kits contain telescoping rails which allow for In-Rack serviceability, HPE recommends that a minimum of 2 people are required for all rack server installations.

USB and SD options

Description	Option Part Number
HPE Enterprise mainstream flash media kits for memory cards	
HPE 32GB microSD RAID 1 USB Boot drive	P21868-B21
HPE 32GB microSD Flash memory card	700139-B21
HPE 8GB microSD Flash memory card	726116-B21
HPE 8GB microSD Flash USB drive	737953-B21
HPE 8GB Dual microSD flash USB drive	741279-B21

HPE Support services

Description	Option Part Number
Installation and start-up services	
HPE Install ProLiant DL3xx service	U4506E
HPE Installation and startup DL3xx service	U4507E
Tech Care	
HPE 5 Year Tech Care Essential DL360 Gen10 Service	HS7U4E
HPE 5 Year Tech Care Essential wDMR DL360 Gen10 Service	HS7U9E

Description	Option Part Number
HPE 3 Year Tech Care Essential DL360 Gen10 Service	HS7U2E
HPE 3 Year Tech Care Essential wDMR DL360 Gen10 Service	HS7U7E
Proactive care	
HPE 3-year Proactive care 24x7 DL360 Gen10 service	H8QF3E
HPE 3-year Proactive care 24x7 with DMR DL360 Gen10 service	H8QF4E
HPE 3-year Proactive care 24x7 with CDMR DL360 Gen10 service	H8QF5E
HPE 3-year Proactive care call-to-repair DL360 Gen10 service	H8QG2E
HPE 3-year Proactive care call-to-repair 24x7 with DMR DL360 Gen10 service	H8QG3E
HPE 3-year Proactive care call-to-repair with CDMR DL360 Gen10 service	H8QG4E

Unique options

Description	Option Part Number
Risers	
HPE DL360 Gen10 low profile riser kit	867982-B21
HPE DL360 Gen10 SATA M.2 2280 riser kit	867978-B21
HPE DL360 Gen10 2P FHFL GPU v2 enablement kit	P23271-B21
Performance cooling	
HPE DL360 Gen10 High performance heat sink kit	871246-B21
HPE DL360 Gen10 High performance fan kit	871244-B21

Description	Option Part Number
Tri-mode controller to SAS/SATA Options	
HPE ProLiant DL36x Gen10 Plus 2SFF SAS/SATA Tri -Mode Cable Kit	P55883-B21
HPE ProLiant DL36x Gen10 Plus 8SFF SAS/SATA P CIe Slot2 Tri-Mode Cable Kit	P55884-B21
Universal Media Bay Options	
HPE ProLiant DL360 Gen10 Plus 8SFF SAS/SATA 1 2G BC Backplane Kit	P26427-B21
HPE ProLiant DL360 Gen10 Plus 8SFF x1 Tri-Mode 24G U.3 BC Backplane Kit	P26431-B21
HPE ProLiant DL360 Gen10 Plus 2SFF x4 Tri-Mode 24G BC Drive Cage Kit	P26437-B21
HPE ProLiant DL360 Gen10 Plus 2SFF x4 NVMe 16 G U.2 BC Drive Cage Kit	P26439-B21
HPE ProLiant DL360 Gen10 Plus 8SFF x4 Tri-Mode 24G U.3 BC Backplane Kit	P26429-B21
HPE ProLiant DL360 Gen10 Plus 8SFF x4 NVMe 16 G U.2 BC Backplane Kit	P26433-B21
HPE ProLiant DL360 Gen10 Plus 8SFF Display Port/ USB/Optical Drive Blank Kit	P40003-B21
HPE ProLiant DL360 Gen10 Plus 2SFF SAS/SATA 1 2G BC Drive Cage Kit	P26435-B21
HPE DL360 Gen10 2SFF SAS/SATA Backplane Kit	867966-B21
HPE DL360 Gen10 2SFF NVMe Backplane Kit	871242-B21
HPE DL360 Gen10 2SFF SATA UFF Backplane Kit	867970-B21
HPE DL360 Gen10 8SFF Display Port/USB/Optical D rive Blank Kit	868000-B21
HPE DL360 Gen10 LFF Display Port and USB Kit	868004-B21
Universal media bay	
HPE DL360 Gen10 2SFF SAS/SATA backplane kit [1]	867966-B21
HPE DL360 Gen10 2SFF NVMe backplane kit [1]	871242-B21
HPE DL360 Gen10 2SFF SATA UFF backplane kit [1]	867970-B21
HPE DL360 Gen10 8SFF display port/USB/Optical d rive blank kit [2]	868000-B21

Description	Option Part Number
HPE DL360 Gen10 LFF display port and USB kit	868004-B21
Optical drive	
HPE Mobile USB DVD-RW optical drive [3]	701498-B21
HPE 9.5-mm SATA DVD-ROM Optical drive	726536-B21
HPE 9.5-mm SATA DVD-RW Optical drive	726537-B21
Select CTO Server – One from below	
HPE DL360 Gen10 NC 8SFF BC CTO Server	P56949-B21
HPE DL360 Gen10 8SFF BC CTO Server	P56950-B21
Select Broadcom MegaRAID Controller – Shown below	
Broadcom MegaRAID MR416i-p x16 Lanes 4GB Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	P06367-B21
Broadcom MegaRAID MR416i-a x16 Lanes 4GB Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	P26279-B21
Broadcom MegaRAID MR216i-p x16 Lanes without Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	P26324-B21
Broadcom MegaRAID MR216i-a x16 Lanes without Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	P26325-B21
Select Any Additional Backplane & Drive Cage Kit – Shown below	
System insight display	
HPE DL360 Gen10 LFF System insight display power module kit	867994-B21
HPE DL360 Gen10 SFF System insight display power module kit	867996-B21
Rear drive option kit	
HPE DL360 Gen10 1SFF rear SAS/SATA/UFF backplane kit	867972-B21
10 NVMe chassis upgrade kit	
HPE DL360 Gen10 10SFF premium backplane kit [4]	867974-B21

NOTE

Description	Option Part Number

1. Not supported on Xeon-Gold 6250L or Gold 6250 processor based configurations.
2. This kit is required for Optical Drive option (8SFF model only).
3. This kit is supported on USB 3.0 ports only.
4. This kit is supported on the 8SFF model only.

Cables

Description	Option Part Number
HPE DL360 Gen10 SFF internal cable kit	867990-B21
HPE DL3XX Gen10 Rear serial cable and enablement kit	873770-B21

NOTE

Click here to access HPE ProLiant Gen10 Cabling Matrix for additional details.

HPE Hard Disk Drives	
Enterprise - 12G SAS - SFF Basic Carrier Drives (Only for use with Broadcom MegaRAID)	
HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD	P28352-B21
HPE 1.8TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD	P53562-B21
HPE 1.2TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD	P28586-B21
HPE 900GB SAS 12G Mission Critical 15K SFF BC 3-year Warranty Multi Vendor HDD	P40432-B21
HPE 600GB SAS 12G Mission Critical 15K SFF BC 3-year Warranty Multi Vendor HDD	P53560-B21
HPE 600GB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD	P53561-B21
HPE 300GB SAS 12G Mission Critical 15K SFF BC 3-year Warranty Multi Vendor HDD	P28028-B21

Description	Option Part Number
HPE 300GB SAS 12G Mission Critical 10K SFF BC 3 -year Warranty Multi Vendor HDD	P40430-B21

HPE Smart IO

Description	Option Part Number
Pensando Distributed Services Card (DSC)	
Pensando Distributed Services Platform (DSP) DSC -25 10/25Gb 2-port SFP28 card	P26966-B21
Pensando DSP for HPE iLO sideband management a daptive LOM module	P26969-B21
Pensando DSP silver software licenses	
Pensando DSP silver 1-year subscription 24x7 sup port E-RTU	R6A06AAE
Pensando DSP silver 3-year subscription 24x7 sup port E-RTU	R6A07AAE
Pensando DSP silver 4-year subscription 24x7 sup port E-RTU	R6F68AAE
Pensando DSP silver 5-year subscription 24x7 sup port E-RTU	R6A08AAE
Pensando DSP platinum software licenses	
Pensando DSP platinum 1-year renewal subscription 24x7 support E-RTU	R6A09AAE
Pensando DSP platinum 3-year subscription 24x7 su pport E-RTU	R6A10AAE
Pensando DSP platinum 4-year subscription 24x7 su pport E-RTU	R6F69AAE
Pensando DSP platinum 5-year subscription 24x7 su pport E-RTU	R6A11AAE

Description	Option Part Number

NOTE

DSC Must be installed in slot 1 when used in combination with ALOM Module for iLO Mana gement.

Each card instance requires one RTU license of Silver or Platinum software. In case of more than one adapter, RTU licenses doesn't need to be of the same part number.

Software Compatibility

Subtopics

OS Compatibility
Useful Links

OS Compatibility

Feature	Description	
OS	**2nd Generation Intel Xeon Scalable P rocessor Family** • **Windows Server 2025** • **Windows Server 2022:** Essentials, Standard, Datacenter • **Windows Server 2019:** Essentials, Standard, Datacenter • **Windows Server 2016:** Essentials, Standard, Datacenter • **Windows Server 2012 R2:** Essenti als, Standard, Datacenter • Microsoft Hyper-V Server: 2012 R2 , 2016 & 2019	**1st Generation Intel Xeon Scalable Proces sor Family** • **Windows Server 2025** • **Windows Server 2022:** Essentials, Stan dard, Datacenter • **Windows Server 2019:** Essentials, Stan dard & Datacenter • **Windows Server 2016:** Essentials, Stan dard & Datacenter • **Windows Server 2012 R2:** Essentials, Standard & Datacenter • Microsoft Hyper-V Server: 2012 R2, 201 6 & 2019 • VMware vSphere: 6.0 U3, 6.5 through U. 3 & 6.7 through U3, 7.0

Feature	Description
	• VMware vSphere: 6.0 U3, 6.5 U2 through U.3 & 6.7 U1 through U3, 7.0 • ClearOS: 7.6; ClearVM: 2.0 • **Red Hat Enterprise Linux (RHEL):** 7.6 w/ Kbase, 8.0 • **SUSE Linux Enterprise Server (SLES):** 12 SP3, 15 (includes Xen) • Ubuntu: 18.04 LTS (4.15.0) • Oracle Linux: Oracle Linux 7.6 UEK Release 5 Update 2; Oracle VM 3.4.6 (UEK Release 4 Update 7) • Citrix: Hypervisor: 8,0, 8.1, 8.2; XenServer 7.1, 7.4, 7.5, 7.6 • ClearOS: 76; ClearVM: 2.0 • **Red Hat Enterprise Linux (RHEL): 6.9 & 7.3** • **SUSE Linux Enterprise Server (SLES): 11 SP4, 12 SP2 & 15** (includes Xen) • Ubuntu: 16.04.3 HWE (4.10), 18.04 LTS (4.15.0) • Oracle Linux: Oracle Linux/UEK 6.9, 7.4; Oracle VM 3.4.4 • Citrix: Hypervisor: 8,0, 8.1, 8.2; XenServer 7.1, 7.4, 7.5, 7.6 • **ClearOS** • CentOS **NOTE** For more information on Hewlett Packard Enterprise Certified and Supported ProLiant Servers for OS and Virtualization Software and latest listing of software drivers available for your server. **Click here to view the Server Operating Systems and Virtualization Software for more information**. For more information on Windows Server as supported Operating System. **Click here to view more information on Windows Server as supported OS.** **NOTE** ClearOS allows you to build a fully functional server that is just right for you at no upfront cost. For more information on ClearOS, please visit. **Click here for more information.**

Useful Links

Descriptions	Direct Links
Alerts	**Click here to view "Alerts, Security Bulletin, Advisory, Notice and other documents of HPE ProLiant DL360 Gen10 Server".**
Drivers and Softwares	**Click here to view "Drivers and Softwares, Firmware, Driver, BIOS, Application, Utility, Operating System, Software document of HPE ProLiant DL360 Gen10 Server".**
Knowledge Articles	**Click here to view "Knowledge Articles, Troubleshooting, FAQ, How To, Informational document of HPE ProLiant DL360 Gen10 Server".**
Manuals	**Click here to view "Manuals, Guides, Release Notes, Troubleshooting articles and other related document of HPE ProLiant DL360 Gen10 Server".**
Videos	**Click here to access "Videos of Remove/Replace, Setup/Installation, Troubleshooting, Management/Operations of HPE ProLiant DL360 Gen10 Server".**