HPE ProLiant DX380 Gen10 Server - Product Information Reference

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Abstract

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Revision history

Part number	Publication date	Edition	Summary of changes

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Summary

Subtopics

Product description
What's new

Product description



The HPE ProLiant DX380 Gen10 server along with Nutanix provides a global partnership to deliver hyper-converged solutions in an on-premise appliance or through the HPE Greenlake consumption model. This offering will leverage Nutanix's free Acropolis Hypervisor (AHV) and Nutanix enterprise cloud software to provide the user with a pre-integrated and optimized solution that dramatically lowers the total cost of ownership and accelerates operational productivity. Adaptable for diverse workloads and environments, the secure 2P 2U HPE ProLiant DX380 Gen10 delivers world-class performance with the right balance of expandability and scalability. Designed for supreme versatility and resiliency while being backed by a comprehensive warranty make it is ideal for Nutanxix environments on the industry's most trusted compute platform.

What's new

- New additional processors in the second generation Intel Xeon family that provide an improved price performance
- New ProLiant DX380 8SFF Server
- Support for up to 4 single wide GPUs on DX380 SFF Server only
- New ProLiant DX380 Gen10 Platform

- Qualified platforms / configs recognized by both HPE & Nutanix
- Factory tuned & optimized HW settings for Nutanix environments
- Factory pre-installed Nutanix AHV & AOS

Standard Models

Subtopics

New RoHS compliant part numbers
Standard models

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.

Standard models

Description	Model Number
HPE ProLiant DX380 Gen10 8 Small Form Factor (SFF) Configure-To-Order (CTO) Server	P17640-B21 **Click here to obtain a parts list for this model.**
HPE ProLiant DX380 Gen10 12-Large Form Factor (LFF) CTO server	P17641-B21 **Click here to obtain a parts list for this model.**
HPE ProLiant DX380 Gen10 24-SFF CTO server	P17642-B21 **Click here to obtain a parts list for this model.**

NOTE:

Description	Model Number
Direct link to the parts list will be added as soon as it becomes available.	

Product features

Feature	Description
Processor [1]	**2nd Generation Intel Xeon scalable processor family**

Intel Xeon Models	CPU Frequency	Cores	L3 Cache (MB)	Power	UPI	DDR4	Memory per socket
Platinum 8280 Processor	2.7 GHz	28	38.5	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8280L Processor	2.7 GHz	28	38.5	205 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
Platinum 8276L Processor	2.2 GHz	28	38.5	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
Platinum 8270 Processor	2.7 GHz	26	35.75	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description						
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache (MB)**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Platinum 8268 Processor	2.9 GHz	24	35.75	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260 Processor	2.4 GHz	24	35.75	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260L Processor	2.4 GHz	24	35.75	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8253 Processor	2.2 GHz	16	22	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold Processor							
	Gold 6262V Processor	1.9 GHz	24	33	135 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6258R Processor	2.7 GHz	28	38.5	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6256 Processor	3.6 GHz	12	33	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description						
	Intel Xeon Models	CPU Frequency	Cores	L3 Cache (MB)	Power	UPI	DDR4 Memory per socket
	Gold 6254 Processor	3.1 GHz	18	24.75	200 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6252 Processor	2.1 GHz	24	35.75	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6250 Processor	3.9 GHz	8	25.75	185 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6248 Processor	2.5 GHz	20	27.5	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6248R Processor	2.5 GHz	20	27.5	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6246 Processor	3.3 GHz	12	24.75	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6246R Processor	3.4 GHz	16	35.75	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6244 Processor	3.6 GHz	8	24.75	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description						
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache (MB)**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 6242 Processor	2.8 GHz	16	22	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6242R Processor	3.1 GHz	20	35.75	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240 Processor	2.6 GHz	18	24.75	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240R Processor	2.4 GHz	24	35.75	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240L Processor	2.6 GHz	18	24.75	150 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Gold 6238 Processor	2.1 GHz	22	30.25	140 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6238R Processor	2.2 GHz	28	38.5	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6238L Processor	2.1 GHz	22	30.25	140 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB

Feature	Description						
	Intel Xeon Models	CPU Frequency	Cores	L3 Cache (MB)	Power	UPI	DDR4 Memory per socket
	Gold 6234 Processor	3.3 GHz	8	24.75	130 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6230 Processor	2.1 GHz	20	27.5	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6230R Processor	2.1 GHz	26	35.75	150 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6226 Processor	2.7 GHz	12	19.25	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6226R Processor	2.9 GHz	16	22	150 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6222V Processor	1.8 GHz	20	27.5	115 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 5220S Processor	2.7 GHz	18	24.75	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5220 Processor	2.2 GHz	18	24.75	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB

Feature	Description						
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache (MB)**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	Gold 5220R Processor	2.2 GHz	24	37.75	150 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218B Processor	2.3 GHz	16	22	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218 Processor	2.3 GHz	16	22	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218R Processor	2.1 GHz	16	22	110 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5217 Processor	3.0 GHz	8	11	115 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5215 Processor	2.5 GHz	10	13.75	85 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Silver Processor							
	Silver 4216 Processor	2.1 GHz	16	22	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4215 P	2.5 GHz	8	11	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB

Feature	Description						
	Intel Xeon Models	**CPU Frequency**	**Cores**	**L3 Cache (MB)**	**Power**	**UPI**	**DDR4**	**Memory per socket**
	processor							
	Silver 4215R Processor	3.2 GHz	8	11	130 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214 Processor	2.2 GHz	12	16.5	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214R Processor	2.4 GHz	12	16.5	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4210 Processor	2.2 GHz	10	10	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4210R Processor	2.4 GHz	10	13.75	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4208 Processor	2.1 GHz	8	11	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Platform Information	• **Form Factor** - 2U rack • **Chassis Types -** 24 SFF, 12 LFF and 8SFF							

Feature	Description
System Fans	The 12 LFF, 8SFF and 24 SFF chassis ship with 6 High performance fans as standard.
Chipset	Intel C621 Chipset **Click here to view more information on Intel server chipsets**
On System management chipset	HPE iLO 5 ASIC
Memory [2]	

Type	HPE DDR4 SmartMemory • **Registered Dual In-Line Memory Module (RDIMM)** • **Load Reduced Dual In-Line Memory Module (LRDIMM)**
Dual In-Line Memory Module (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)	1.54TB 24 x 64GB RDIMM @ 2933 MT/s

Expansion slots [3]

Slots #	Technology	Bus width	Connector width	Slot form factor	Processor
1	PCIe 3.0	x8	x8	Full-Height, fu	Processor 1

Feature	Description

Slots #	Technology	Bus width	Connector width	Slot form factor	Processor
				ll-length slot	
2	PCIe 3.0	x16	x16	Full-Height, full-length slot	Processor 1
3	PCIe 3.0	x8	x8	Full-Height, full-length slot	Processor 1

Slots #	Technology	Bus width	Connector width	Slot form factor	Processor
1	PCIe 3.0	x8	x8	Full-Height, full-length slot	Processor 2
2	PCIe 3.0	x16	x16	Full-Height, full-length slot	Processor 2
3	PCIe 3.0	x8	x8	Full-Height, full-length slot	Processor 2

Storage controllers [4]	• HPE Smart Array E208i-a SR Gen10 controller • HPE Smart Array E208i-p SR Gen10 controller
Internal storage devices	Hard drives (None ship standard)

Feature	Description
HPE ProLiant DX380 24-Small Form Factor (SFF) hard drive configurations [5]	**Hybrid Solid State Drive (SSD)/Hard Disk Drive (HDD)** / **All SSD**

SSDs	HDDs	SSDs
4	8, 10, 12, 14, 16, 18 or 20	8, 10, 12, 14, 16, 18, 20, 22 or 24
6	12, 14, 16 or 18	
8	16	

Feature	Description
HPE ProLiant DX380 12-SFF hard drive configurations [5]	**Hybrid SSD/HDD** / **All SSD**

SSDs	HDDs	SSDs
2	4, 6, 8 or 10	4, 6, 8, 10 or 12
4	8	

Feature	Description
Interfaces	**FlexibleLOM network ports** / **2 or 4 With choice of FlexibleLOM card**

HPE iLO Remote management network port	1Gb Dedicated
Front iLO Service Port	1 Standard (Not available on 12-Large Form Factor (LFF) chassis)
USB 3.0	Up to 5 total: 1 front, 2 rear, 2 internal (Secure)

Feature	Description
Graphics	• Integrated standard video modes up to 1920 x 1200@60Hz (32 b/p) • 16MB Video memory

Feature	Description
	• HPE iLO 5 On System management memory • 32MB Flash • 4Gb DDR 3 with Error-Correcting Code (ECC) p rotection
Industry standard compliance	• ACPI 6.1 Compliant • Microsoft Logo certifications • PCIe 3.0 Compliant • PXE Support • WOL Support • VGA/Display port • Energy Star • Triple Data Encryption Standard (3DES) • SMBIOS 3.1 • SNMP v3 • UEFI 2.6 • TLS 1.2 • Redfish API • DMTF Systems Management Architecture for Se rver Hardware Command Line Protocol (SMASH CLP) • IPMI 2.0 • Active Directory v1.0 • Secure Digital 2.0 • ASHRAE A3/A4 Advanced Encryption Standard (AES) • Energy Star
Embedded management	• HPE Integrated Lights-Out (HPE iLO)

Feature	Description
	• iLO RESTful API
Server Utilities	• Active Health System • Active Health System Viewer • Smart Update • iLO Amplifier Pack • HPE iLO Mobile Application • RESTful Interface Tool • Scripting Tools • HPE OneView Standard • HPE Systems Insight Manager (HPE SIM)
Security	• UEFI Secure boot and secure start support • Tamper-Free updates - components digitally signed and verified • Immutable silicon root of trust • Ability to rollback firmware • FIPS 140-2 validation • Secure erase of NAND • Common criteria certification • Configurable for PCI DSS compliance • Advanced Encryption Standard (AES) and Triple Data Encryption Standard (3DES) on browser • Bezel locking kit option • Support for Commercial National Security Algorithms (CNSA) • Secure recovery - recover critical firmware to known good state on detection of compromised firmware • Chassis intrusion detection option
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 personali

Feature	Description
	zed experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service p rovides: • 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 experie nce
HPE Lifecycle Services	HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular exa mples include: • Lifecycle Install and Startup Services: Various l evels for physical installation and power on, rem ote access setup, installation and startup, and e nhanced installation services with the operating system. • HPE Firmware Update Analysis Service: Recomm endations for firmware revision levels for selecte d HPE products, taking into account the relevan t revision dependencies within your IT environm ent. • HPE Firmware Update Implementation Service: I mplementation of firmware updates for selected HPE server, storage, and solution products, takin g into account the relevant revision dependenci es within your IT environment. • Implementation assistance services: Highly train ed technical service specialists to assist you with a variety of activities, ranging from design, imple mentation, and platform deployment to consolid ation, migration, project management, and onsite technical forums. • HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of speci alized service activities, including assessments, performance maintenance reviews, firmware ma

Feature	Description
	nagement, professional services, and operational best practices.
Server management	• HPE iLO Advanced • HPE OneView advanced • HPE InfoSight for servers • HPE Insight Cluster Management Utility (CMU) • One Config Simple (SCE)

NOTE:

1.

- Platinum – 8200 Series – Supports 6-Channel DDR4 @ 2933 MT/s providing up to 1TB memory capacity per socket (Up to 2TB/socket on M series), Vector Neural N etwork Instructions (VNNI) for inference acceleration, Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA), 48 lanes PCIe 3.0, and advanced RAS.
- Gold - 6200 & 5200 Series – Supports 6-Channel DDR4 @ 2933 MT/s (6200 & 52 22 SKUs only) or 2666 MT/s (All Gold 5200 skus except 5222 @ 2933 MT/s); prov iding up to 1TB memory capacity per socket (Up to 2TB/socket on M series Vector Neural Network Instructions (VNNI) for inference acceleration, Intel Turbo Boost Te chnology, Intel Hyper-Threading Technology Intel AVX-512 (2 x 512-bit FMA), 48 l anes PCIe 3.0, and advanced RAS.
- Gold Processor 5218B has consistent features with the 5218 processor but is from a different die. Mixing both 5218B & 5218 in a system is not supported.
- Silver – 4200 Series – Supports 6-Channel DDR4 @ 2400 MT/s, providing up to 1T B memory capacity per socket; Support for: Intel Vector Neural Network Instruction s (VNNI) for inference acceleration; Intel Turbo Boost Technology, Intel HyperThrea ding Technology Intel AVX-512 (2 x 512-bit FMA), 48 lanes PCIe 3.0, and standard RAS.
- All HPE DX380 processors come with the High Performance Heatsink included.

2.

- Maximum memory per socket is dependent on processor selection. 2nd generation processors supporting 2TB indicated by the “M” in the processor model names (i.e. 8276M).
- Mixing of RDIMM and LRDIMM memory is not supported.

3.

Feature	Description
	• Bus Width Indicates the number of physical electrical lanes running to the conne ctor. • This riser also supports dual m.2 cards. 4. The appropriate controllers are included with the server models P17641-B21 and P17 642-B21. The number of available PCI slots are reduced by 1 on the P17641-B21 and reduced by 2 on the P17642-B21. 5. SAS and SATA SSDs cannot be mixed.

Physical specifications

Specifications	Description
Dimensions (H x W x D)	**System unit** Small Form Factor (SFF) drives: 8.73 x 44.54 x 67.9 4 cm (3.44 x 17.54 x 26.75 in) Large Form Factor (LFF) drives: 8.73 x 44.54 x 73.0 2 cm (3.44 x 17.54 x 28.75 in)
Weight (Approximate)	**SFF** • Minimum: 14.9 kg (32.75 lb) (8 SFF Chassis with 1 x SFF HDD and 7 HDD bla nks, 2 x drive b ay blanks, 1 x processor includin g standard heatsink, 1 x power supply (Plus blan k), 1 x Smart Array, 1 x Riser installed, cables for the above) • Maximum: 19.5 kg (43.00 lb) **LFF** • Minimum: 17.1 kg (37.75 lb) (12 LFF Hard drives (No rear drives), 2 x proces sors, 2 x power supplies, 1 x Smart Array, 2 x Ris ers installed)

Specifications	Description
	• Maximum: 24.5 kg (54 lb)

Environmental specifications

Specifications	Description
System inlet temperature	**Standard operating support:** 10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct 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 **Extended ambient operating support:** For approved hardware configurations, the supported 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 every 175 m (1.8°F per every 574 ft) above 900 m (2953 ft) to a maximum of 3050 m (10,000 ft) **Non-Operating:** (-30°) to 60°C ((-22°) to 140°F). Maximum rate of change is 20°C/hr (36°F/hr)
Relative humidity (Non-Condensing)	**Operating:** 8% to 90% - Relative humidity (Rh), 28°C maximum wet bulb temperature **Non-Operating:** 5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature
Altitude	**Operating:** 3050 m (10,000 ft). This value may be limited by the type and number of options installed. Maximum allowable altitude change rate is 457 m/min (1500 ft/min) **Non-Operating:** 9144 m (30,000 ft). Maximum allowable altitude change rate is 457 m/min (1500 ft/min)
Acoustic noise	Listed are the declared A-Weighted sound power levels (LWAd) and declared average bystander position A-Weighted sound pressure levels (LpAm) when the product is operating in a 23°C ambient environm

Specifications	Description
	ent. Noise emissions were measured in accordance w ith ISO 7779 (ECMA 74) and declared in accordance with ISO 9296 (ECMA 109)

Configuration SKU	Entry	Base	Performance
Idle			
LWAd	4.8 B	4.4 B	4.6 B
LpAm	37 dBA	31 dBA	31 dBA
Operating			
LWAd	4.8 B	4.4 B	4.6 B
LpAm	37 dBA	31 dBA	31 dBA

NOTE:

- Acoustics levels presented here are generated by the test configuration only.
- Acoustics levels will vary depending on system configuration. Values are subject to cha nge without notification and are for reference only
- Product conformance to cited product specifications is based on sample (Type) testing, evaluation, or assessment. This product or family of products is eligible to bear the app ropriate compliance logos and statements.
- The Listed sound levels apply to standard shipping configurations. Additional options may result in increased sound levels.

Electrical specifications

Specifications	Description	
Rated line voltage		
	For 1600 W (Platinum) power supply	**200-240 V ac**
	For 800 W (Titanium) power supply	200-240 V ac
	For 800 W (Platinum) power supply	100-240 V ac
	For 800 W (Universal) power supply	200-277 V ac
	For 800 W ((-48) V dc) power supply	(-40) V dc to (-72) V dc
	For 500 W (Platinum) power supply	100-240 V ac
BTU Rating (Maximum)		
	For 1600 W (Platinum) 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)

Specifications	Description	
	For 1600 W (Platinum) 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 (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) • 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)

Specifications	Description	
	For 1600 W (Platinum) power supply	• **5918 BTU/hr (At 200 V ac)** • **5888 BTU/hr (At 220 V ac)** • **5884 BTU/hr (At 240 V ac)**
		• 1832 BTU/hr (At 240 V ac)
Power supply output		**Table 1. Rated steady-state power**
	For 1600 W (Platinum) 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

Specifications	Description
For 1600 W (Platinum) power supply	• **1600 W (At 240 V ac)** • **1600 W (At 240 V dc) 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

Table 2. Maximum peak power

For 1600 W (Platinum) 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)

Specifications	Description	
	For 1600 W (Platinum) power supply	• **1600 W (At 240 V ac)** • **1600 W (At 240 V dc) for China only**
		• 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)

Specifications	Description	
	For 1600 W (Platinum) power supply	• **1600 W (At 240 V ac)** • **1600 W (At 240 V dc) for China only**
		• 500 W (At 240 V dc) input for China only

Option Parts

Subtopics

New model specific parts lists
Processors
HPE Memory
Power supplies
HPE Security
HPE Risers
HPE Drives
HPE Networking
Rail kits
HPE Support services
Graphics
Controllers
Transceivers

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 Stock Keeping Unit (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

Description	Option Part Number
Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205 W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02540-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8280M (2.7 GHz/28-core/205 W) FIO processor kit	P17792-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) FIO processor kit	P17790-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8276M (2.2 GHz/28-core/ 165 W) FIO processor kit	P17788-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8276 (2.2 GHz/28-core/ 165 W) FIO processor kit	P17786-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) FIO processor kit	P17784-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) FIO processor kit	P17782-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8260M (2.4 GHz/24-core/ 165 W) FIO processor kit	P17780-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8260 (2.4 GHz/24-core/ 165 W) FIO processor kit	P17778-L21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24461-L21
Intel Xeon-Gold 6256 (3.6 GHz/12-core/205 W) FIO 2 Processor Kit for HPE ProLiant DX380 Gen10	P24463-B21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24461-B21

Description	Option Part Number
HPE DX380 Gen10 Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) FIO processor kit	P17776-L21
HPE DX380 Gen10 Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) FIO processor kit	P17774-L21
HPE DX380 Gen10 Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) FIO processor kit	P17772-L21
HPE DX380 Gen10 Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) FIO processor kit	P17770-L21
HPE DX380 Gen10 Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) FIO processor kit	P17768-L21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24462-L21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P22244-L21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) FIO 2 Processor Kit for HPE ProLiant DX380 Gen10	P22244-B21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24459-L21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24459-B21
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24460-L21
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24458-B21
HPE DX380 Gen10 Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) FIO processor kit	P17766-L21
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24458-L21
HPE DX380 Gen10 Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) FIO processor kit	P17764-L21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24457-B21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24457-L21
Intel Xeon-Gold 6240L (2.6 GHz/18-core/150 W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02537-L21

Description	Option Part Number
HPE DX380 Gen10 Intel Xeon-Gold 6240M (2.6 GHz/18-core/150 W) FIO processor kit	P17762-L21
HPE DX380 Gen10 Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) FIO processor kit	P17760-L21
Intel Xeon-Gold 6238L (2.1 GHz/22-core/140 W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02536-L21
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24456-B21
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24456-L21
HPE DX380 Gen10 Intel Xeon-Gold 6238M (2.1 GHz/22-core/140 W) FIO processor kit	P17758-L21
HPE DX380 Gen10 Intel Xeon-Gold 6238 (2.1 GHz/22-core/140 W) FIO processor kit	P17756-L21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24455-L21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24455-B21
HPE DX380 Gen10 Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) FIO processor kit	P17754-L21
HPE DX380 Gen10 Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) FIO processor kit	P17752-L21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24454-B21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24454-L21
HPE DX380 Gen10 Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) FIO processor kit	P17750-L21
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24453-L21
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24453-B21
HPE DX380 Gen10 Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) FIO processor kit	P17748-L21
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24765-B21

Description	Option Part Number
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24765-L21
HPE DX380 Gen10 Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) FIO processor kit	P17740-L21
HPE DX380 Gen10 Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) FIO processor kit	P17738-L21
HPE DX380 Gen10 Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) FIO processor kit	P17736-L21
HPE DX380 Gen10 Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) FIO2 processor kit	P17734-L21
HPE DX380 Gen10 Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) FIO2 processor kit	P17732-L21
HPE DX380 Gen10 Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) FIO2 processor kit	P17730-L21
HPE DX380 Gen10 Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) FIO2 processor kit	P17728-L21
HPE DX380 Gen10 Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) FIO2 processor kit	P17726-L21
HPE DX380 Gen10 Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) FIO2 processor kit	P17724-L21
HPE DX380 Gen10 Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) FIO2 processor kit	P17722-L21
HPE DX380 Gen10 Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) FIO2 processor kit	P17720-L21
HPE DX380 Gen10 Intel Xeon-Platinum 8280M (2.7 GHz/28-core/205 W) FIO2 processor kit	P17792-B21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24462-B21
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24460-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) FIO2 processor kit	P17790-B21

Description	Option Part Number
HPE DX380 Gen10 Intel Xeon-Platinum 8276M (2.2 GHz/28-core/ 165 W) FIO2 processor kit	P17788-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8276 (2.2 GHz/28-core/ 165 W) FIO2 processor kit	P17786-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) FIO2 processor kit	P17784-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) FIO2 processor kit	P17782-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8260M (2.4 GHz/24-core/ 165 W) FIO2 processor kit	P17780-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8260 (2.4 GHz/24-core/ 165 W) FIO2 processor kit	P17778-B21
HPE DX380 Gen10 Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) FIO2 processor kit	P17776-B21
HPE DX380 Gen10 Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) FIO2 processor kit	P17774-B21
HPE DX380 Gen10 Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) FIO2 processor kit	P17772-B21
HPE DX380 Gen10 Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) FIO2 processor kit	P17770-B21
HPE DX380 Gen10 Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) FIO2 processor kit	P17768-B21
HPE DX380 Gen10 Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) FIO2 processor kit	P17766-B21
HPE DX380 Gen10 Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) FIO2 processor kit	P17764-B21
HPE DX380 Gen10 Intel Xeon-Gold 6240M (2.6 GHz/18-core/150 W) FIO2 processor kit	P17762-B21
HPE DX380 Gen10 Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) FIO2 processor kit	P17760-B21
HPE DX380 Gen10 Intel Xeon-Gold 6238M (2.1 GHz/22-core/140 W) FIO2 processor kit	P17758-B21

Description	Option Part Number
HPE DX380 Gen10 Intel Xeon-Gold 6238 (2.1 GHz/22-core/140 W) FIO2 processor kit	P17756-B21
HPE DX380 Gen10 Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) FIO2 processor kit	P17754-B21
HPE DX380 Gen10 Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) FIO2 processor kit	P17752-B21
HPE DX380 Gen10 Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) FIO2 processor kit	P17750-B21
HPE DX380 Gen10 Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) FIO2 processor kit	P17748-B21
HPE DX380 Gen10 Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) FIO2 processor kit	P17740-B21
HPE DX380 Gen10 Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) FIO2 processor kit	P17738-B21
HPE DX380 Gen10 Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) FIO2 processor kit	P17736-B21
HPE DX380 Gen10 Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) FIO2 processor kit	P17734-B21
HPE DX380 Gen10 Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) FIO2 processor kit	P17732-B21
HPE DX380 Gen10 Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) FIO2 processor kit	P17730-B21
HPE DX380 Gen10 Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) FIO2 processor kit	P17728-B21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24767-L21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24767-B21
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P36361-B21
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P36361-L21
HPE DX380 Gen10 Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) FIO2 processor kit	P17726-B21

Description	Option Part Number
HPE DX380 Gen10 Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) FIO2 processor kit	P17724-B21
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) FIO2 Processor Kit for HPE ProLiant DX380 Gen10	P24768-B21
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) FIO Processor Kit for HPE ProLiant DX380 Gen10	P24768-L21
HPE DX380 Gen10 Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) FIO2 processor kit	P17722-B21
HPE DX380 Gen10 Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) FIO2 processor kit	P17720-B21

NOTE:

- 12 LFF and 24 SFF CTO Servers ship with 6 high performance fans included.
- Maximum memory capacity per processor is dependent on processor models. All processors support up to 768 GB max memory per processor except “M” model processors will support up to 1.5 TB max memory per processor.
- 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 DIMMs installed.
- All HPE DX380 processors come with the High Performance Heatsink included.
- 5218B has consistent features with the 5218 processor but from a different die. Mixing both 5218B and 5218 in a system is not supported.

HPE Memory

Description	Option Part Number
Registered Dual In-Line Memory Modules (RDIMMs) for 2nd Generation Intel Xeon scalable series	
HPE DX 64GB (1 x 64GB) Dual rank x 4 DDR4-2933 CAS-21-21-21 registered smart FIO memory kit	P18453-B21
HPE DX 32GB (1 x 32GB) Dual rank x 4 DDR4-2933 CAS-21-21-21 registered smart FIO memory kit	P18450-B21

Description	Option Part Number
HPE DX 16GB (1 x 16GB) Dual rank x 8 DDR4-2933 CAS-21-21-21 registered smart FIO memory kit	P18449-B21
HPE DX 16GB (1 x 16GB) Single rank x 4 DDR4-2933 CAS-21-21-21 registered smart FIO memory kit	P18448-B21
Load Reduced Dual In-Line Memory Modules (LRDIMMs) for 2nd Generation Intel Xeon scalable series	
HPE DX 128GB (1 x 128GB) Octal rank x 4 DDR4-2933 CAS-24-21-21 load reduced 3DS smart FIO memory kit	P18452-B21
HPE DX 128GB (1 x 128GB) Quad rank x 4 DDR4-2933 CAS-24-21-21 load reduced smart FIO memory kit	P18454-B21
HPE 64GB (1 x 64GB) Dual Rank x4 DDR4- 2933 CAS-21-21-21 Registered Smart Memory Kit	P00930-B21
HPE 128GB (1 x 128GB) Quad Rank x4 DDR4-2933 CAS-21-21-21 Load Reduced Smart Memory Kit	P11040-B21
HPE 32GB (1x32GB) Dual Rank x4 DDR4- 2933 CAS-21-21-21 Registered Smart Memory Kit	P00924-B21
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 DX 64GB (1 x 64GB) Quad rank x 4 DDR4-2933 CAS-21-21-21 load reduced smart FIO memory kit	P18451-B21

NOTE:

- Maximum memory capacity and speed per processor is dependent on processor model selection or limitation.
- DDR4-2933 Memory kits are only supported with 2nd Generation Intel Xeon scalable series processors.

Power supplies

Description	Option Part Number
HPE Flex Slot (FS) Power Supply (PS)	
HPE DX 1600 W Platinum hot-plug Low Halogen (LH) FIO PS kit	P18222-B21
HPE DX 800 W FS Platinum hot-plug LH FIO PS kit	P18223-B21
HPE DX 800 W FS Titanium hot-plug LH FIO PS kit	P18224-B21
HPE DX 800 W FS Universal hot-plug LH FIO PS kit	P18225-B21
HPE 800 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
HPE 500 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865408-B21
HPE 800 W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
HPE 1600 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830272-B21
HPE DX 500 W FS Platinum hot-plug LH FIO PS kit	P18226-B21
HPE DX 800W Flex Slot -48VDC Hot Plug Low Halogen FIO Power Supply Kit	P25214-B21

NOTE:

- Select one or two power supplies.
- Mixing of 2 different power supplies is NOT supported.
- 1600 W Power supplies only support high line voltage (200 to 240 V ac).

HPE Security

Description	Option Part Number
HPE DX380 Gen10 Chassis intrusion FIO detection kit	P17812-B21

HPE Risers

Description	Option Part Number
HPE DX380 Gen10 2 x 8 PCIe Tertiary FIO riser kit	P17809-B21 [1]
HPE DX Gen10 x 8/x 16/x 8 FIO Riser kit	P17803-B21 [2]

NOTE:

1. Supports 2 x 8 slots in the Tertiary location.
2.
   - No M.2 support on this riser.
   - Supports full height, half- length cards, full height, full-length cards and full height, half-length cards.
   - Bus width x 8, x 16, x 8, connector width x 8, x 16, x 8.

HPE Drives

Description	Option Part Number
Midline - 12G SAS - Large Form Factor (LFF) drives	
HPE DX 12TB SAS 7.2K LFF SC 512e FIO Hard Disk Drive (HDD)	P17961-B21

Description	Option Part Number
HPE DX 8TB SAS 7.2K LFF SC 512e FIO HDD	P17960-B21
HPE DX 6TB SAS 7.2K LFF SC 512e FIO HDD	P17959-B21
HPE 6TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty 512e Multi Vendor HDD	861754-B21
HPE 16TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty Helium 512e ISE Multi Vendor HDD	P23863-B21
HPE 12TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty Helium 512e Multi Vendor HDD	881779-B21
HPE 8TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty 512e Multi Vendor HDD	819201-B21
HPE 4TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty Multi Vendor HDD	872487-B21
HPE 2TB SAS 12G Business Critical 7.2K LFF SC 1 -year Warranty Multi Vendor HDD	872485-B21
HPE 2.4TB SAS 12G Mission Critical 10K SFF SC 3 -year Warranty 512e Multi Vendor HDD	881457-B21
HPE DX 4TB SAS 7.2K LFF SC Digital Signed (DS) FI O HDD	P17958-B21
HPE 2TB SAS 12G Business Critical 7.2K SFF SC 1 -year Warranty 512e HDD	765466-B21
HPE DX16TB SAS 7.2K LFF (3.5 in) SC 1 yr Wty 51 2e FIO HDD	P35151-B21
HPE DX 2TB SAS 7.2K LFF SC DS FIO HDD	P17957-B21
Midline - 12G SAS - Small Form Factor (SFF) drives	
HPE DX 2TB SAS 7.2K SFF SC 512e FIO HDD	P17956-B21
HPE DX 2.4TB SAS 12G Enterprise 10K SFF (2.5 in) SC 3 yr Wty 512e Digitally Signed Firmware FIO HD D	P22713-B21
Read Intensive (RI) - SATA - LFF - Solid State Drives (SSD)	
HPE DX 3.84TB SATA RI LFF SCC DS FIO SSD	P18571-B21
HPE DX 3.84TB SATA RI LFF SCC DS FIO SSD	P18573-B21
HPE DX 3.84TB SAS RI LFF (3.5 in) SCC DS 3 yr Wt y Digitally Signed Firmware FIO SSD	P35165-B21

Description	Option Part Number
HPE DL 7.68TB SAS RI SFF (2.5 in) SC 3 yr Wty Digitally Signed Firmware FIO SSD	P35132-B21
HPE DX1.92TB SATA RI SFF (2.5 in) SC DS 3 yr Wty Digitally Signed Firmware FIO SSD	P35155-B21
HPE DX 7.68TB SAS RI LFF (3.5 in) SCC 3 yr Wty Digitally Signed Firmware FIO SSD	P35133-B21
HPE DX 3.84TB SAS RI SFF (2.5 in) SC 3 yr Wty Digitally Signed Firmware FIO SSD	P35167-B21
HPE DX 1.92TB SATA RI LFF (3.5 in) SCC DS 3 yr Wty Digitally Signed Firmware FIO SSD	P35156-B21
HPE DX 1.92TB SATA RI LFF SCC DS FIO SSD	P18737-B21
HPE DX 3.84TB SATA 6G Read Intensive LFF SCC PM893 FIO SSD	P56745-B21
HPE DX 1.92TB SATA 6G Read Intensive LFF SCC S4520 FIO SSD	P56751-B21
HPE DX 3.84TB SATA 6G Read Intensive LFF SCC S4520 FIO SSD	P56755-B21
HPE DX 1.9TB SATA 6G Read Intensive LFF SCC PM893 FIO SSD	P56741-B21
RI - SAS - LFF - SSD	
HPE DX 3.84TB SAS 24G Read Intensive LFF SCC PM1653 FIO SSD	P56761-B21
HPE DX 7.68TB SAS 24G Read Intensive LFF SCC Multi Vendor FIO SSD	P56765-B21
RI - SAS - SFF - SSD	
HPE DX 3.84TB SAS 24G Read Intensive SFF SC PM1653 FIO SSD	P56760-B21
HPE DX 7.68TB SAS 12G Read Intensive SFF SC Multi Vendor FIO SSD	P56764-B21
RI - SATA - SFF - SSD	
HPE DX 3.84TB SATA RI SFF SC DS FIO SSD	P18736-B21
HPE DX 3.84TB SATA RI SFF SC DS FIO SSD	P19133-B21
HPE DX 3.84TB SATA 6G Read Intensive SFF SC S4520 FIO SSD	P56754-B21
HPE DX 1.92TB SATA 6G Read Intensive SFF SC S4520 FIO SSD	P56750-B21

Description	Option Part Number
HPE DX 3.84TB SATA 6G Read Intensive SFF SC PM 893 FIO SSD	P56744-B21
HPE DX 1.9TB SATA 6G Read Intensive SFF SC PM8 93 FIO SSD	P56740-B21
HPE DX 1.92TB SATA RI SFF SC DS FIO SSD	P17970-B21
Mixed Use (MU) - 12G SAS - LFF - SSD	
HPE DX 1.6TB SAS MU LFF SCC DS FIO SSD	P19135-B21
HPE DX 7.68TB SAS RI SFF SC MV SSD	P57585-B21
HPE DX 1.92TB SATA MU LFF SCC S4620 SSD	P57529-B21
HPE DX 3.84TB SAS RI LFF SCC PM1653 SSD	P57549-B21
HPE DX 7.68TB SAS RI LFF SCC MV SSD	P57557-B21
HPE DX 6.4TB SAS 24G **MU** LFF SCC Multi Vendor F IO SSD	P57605-B21
HPE DX 1.6TB SAS MU SFF SC MV SSD	P57625-B21
HPE DX 1.6TB SAS 12G **MU** LFF SCC Multi Vendor F IO SSD	P58746-B21
HPE DX 3.2TB SAS 24G Mixed Use LFF SCC Multi Vendor FIO SSD	P57593-B21
HPE DX 800GB SAS MU LFF SCC DS FIO SSD	P18139-B21
MU - 12G SAS - SFF - SSD	
HPE DX 1.6TB SAS MU SFF SC DS FIO SSD	P18057-B21
HPE DX 1.6TB SAS 12G MU SFF SC Multi Vendor FI O SSD	P57621-B21
HPE DX 800GB SAS MU SFF SC DS FIO SSD	P18056-B21
MU - SATA - LFF - SSD	
HPE DX 1.92TB SATA MU LFF SCC DS FIO SSD	P19131-B21
HPE DX 1.92TB SATA 6G MU LFF SCC S4620 FIO SSD	P56737-B21
HPE DX 960GB SATA 6G MU LFF SCC PM897 SSD	P57513-B21
HPE DX 1.92TB SATA MU LFF SCC DS FIO SSD	P18063-B21
HPE DX 960GB SATA MU LFF SCC DS FIO SSD	P18062-B21

Description	Option Part Number
HPE DX 960GB SATA MU LFF SCC DS FIO SSD	P19146-B21
MU - SATA - SFF - SSD	
HPE DX 1.92TB SATA MU SFF SC DS FIO SSD	P18054-B21
HPE DX 1.92TB SATA MU SFF SC DS FIO SSD	P17969-B21
HPE DX 960GB SATA MU SFF SC DS FIO SSD	P17973-B21
HPE DX 960GB SATA MU SFF SC DS FIO SSD	P17968-B21
HPE DX 1.92TB SATA 6G MU SFF SC PM897 FIO SSD	P56732-B21
HPE DX 1.92TB SATA 6G MU SFF SC S4620 FIO SSD	P56736-B21

HPE Networking

Description	Option Part Number
100 Gigabit Ethernet adapters	
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 FIO Adapter for HPE DX	P43273-B21
25 GbE Adapters	
HPE DX Ethernet 10/25Gb 2p 640SFP28 FIO adapter	P18462-B21
10 GbE Adapters	
HPE DX Ethernet 10Gb 2p 562SFP+ FIO adapter	P18455-B21
HPE DX Ethernet 10Gb 2p 562T FIO adapter	P18456-B21
1 GbE Adapters	
HPE DX Ethernet 1Gb 4p 366T FIO adapter	P18460-B21
FlexibleLOM adapters	

Description	Option Part Number
HPE DX Ethernet 10/25Gb 2p 640FLR FIO adapter	P18461-B21
HPE DX Ethernet 10Gb 2p 562FLR-T FIO adapter	P18458-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
HPE Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter	665240-B21
HPE Ethernet 10/25Gb 2-port SFP28 MCX4121A-ACUT Adapter	817753-B21
HPE Ethernet 1Gb 4-port BASE-T I350- T4V2 Ada pter	811546-B21
HPE Ethernet 10/25Gb 2-port FLR-SFP28 MCX412 1A-ACFT Adapter	817749-B21
HPE Ethernet 10Gb 2-port FLR-T X550- AT2 Ada pter	817745-B21
HPE Ethernet 10Gb 2-port FLR-SFP+ X710- DA2 Adapter	727054-B21
HPE Ethernet 10Gb 2-port BASE-T X550- AT2 Ada pter	817738-B21
HPE DX Ethernet 10Gb 2p 562FLR-SFP+ FIO ada pter	P18457-B21
HPE DX Ethernet 1Gb 4p 366FLR FIO adapter	P18459-B21

NOTE:

- A minimum of two Gigabytes (2GB) of server memory is required per each adapter.
- Direct Attach Cable (DAC) for copper environments or fiber transceivers and cables for f iber-optic environments mustbe purchased separately.

Rail kits

Description	Option Part Number
HPE DX 2U CMA Easy install FIO rail kit	P17793-B21 [1]

Description	Option Part Number
HPE 2U Cable Management Arm (CMA) for ball bearing rail kit	720865-B21 [1]
HPE DX 2U Gen10 SFF Easy Install FIO Rail Kit	P23851-B21
HPE DX Gen10 2U LFF Easy Install FIO Rail Kit	P21958-B21
HPE 2U SFF Easy install rail kit	733660-B21 [1]
HPE 2U LFF Easy install rail kit	733662-B21 [1]
HPE 2U Gen10 SFF Ball bearing rail kit	720863-B21
HPE DX 2U Gen10 SFF Ball Bearing FIO Rail Kit	P23852-B21
HPE DX Gen10 2U LFF Ball Bearing FIO Rail Kit	P21961-B21
HPE 2U Gen10 LFF Ball bearing rail kit	720864-B21

NOTE:

1. Does not include CMA (733664-B21)

HPE Support services

Description	Option Part Number
HPE 3-Year next business day with defective media retention DX380 Gen10 hardware service	HN4Z6E
HPE 3-Year 24x7 DX380 Gen10 Hardware service	HN4Z7E
HPE 3-Year 24x7 with defective media retention DX 380 Gen10 hardware service	HN4Z8E
HPE 5-Year next business day DX380 Gen10 hardware service	HN4Z9E
HPE 5-Year next business day with defective media retention DX380 Gen10 hardware service	HN5A0E

Description	Option Part Number
HPE 5-Year 24x7 DX380 Gen10 Hardware service	HN5A1E
HPE 5-Year 24x7 with defective media retention DX 380 Gen10 hardware service	HN5A2E

Graphics

Description	Option Part Number
NVIDIA A16 64GB PCIe Non-CEC Accelerator for HP E	R8T26C
NVIDIA Tesla T4 16GB FIO Computational Accele rator for HPE DX	P17819-B21
HPE DX Gen10 8-pin FIO Cable Kit	P17817-B21
HPE DX Gen10 8-pin Keyed FIO Cable Kit	P17818-B21
HPE DL38X Gen10 8x 6-pin Cable Kit	871830-B21

Controllers

Description	Option Part Number
HPE Boot Controllers	
HPE DX NS204i-p Gen10 Plus x2 Lanes NVMe PCIe 3 x8 FIO Boot Device	P35837-B21

Transceivers

Description	Option Part Number
HPE DX 10Gb SFP+ SR FIO Transceiver	P18412-B21

Description	Option Part Number
HPE DX 25Gb SFP28 SR 100 m FIO Transceiver	P18413-B21
HPE DX 100Gb QSFP28 MPO SR4 100 m FIO Transceiver	P18414-B21
HPE DX Virtual Connect 1G SFP SX FIO Transceiver	P18415-B21
HPE DX 10Gb SFP+ LR FIO Transceiver	P18417-B21
HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
HPE 25Gb SFP28 SR 100 m Transceiver	845398-B21
HPE 100Gb QSFP28 MPO SR4 100 m Transceiver	845966-B21
HPE BladeSystem c-Class Virtual Connect 1G SFP SX Transceiver	453151-B21
HPE BladeSystem c-Class 10Gb SFP+ LR Transceiver	455886-B21

Spare Parts

Subtopics

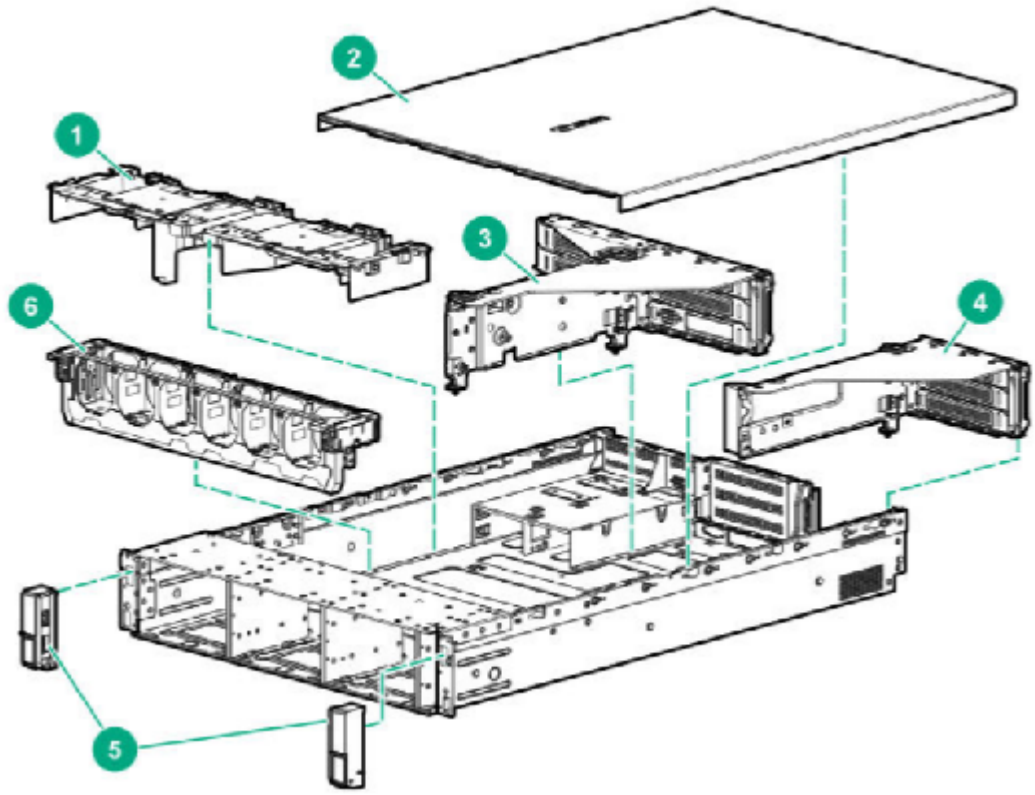
New model specific parts lists
Mechanical components
System components
Server options

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 Stock Keeping Unit (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	Spare Part Number
1	**Air baffle**	
	Baffle system module	P01466-001
	Air baffle	875054-001
	Baffle persistent memory air intake kit	P00869-001
2	**Access panel**	
	Top Cover Small Form Factor (SFF) with label	875052-001
	Top cover Large Form Factor (LFF) with label	875053-001

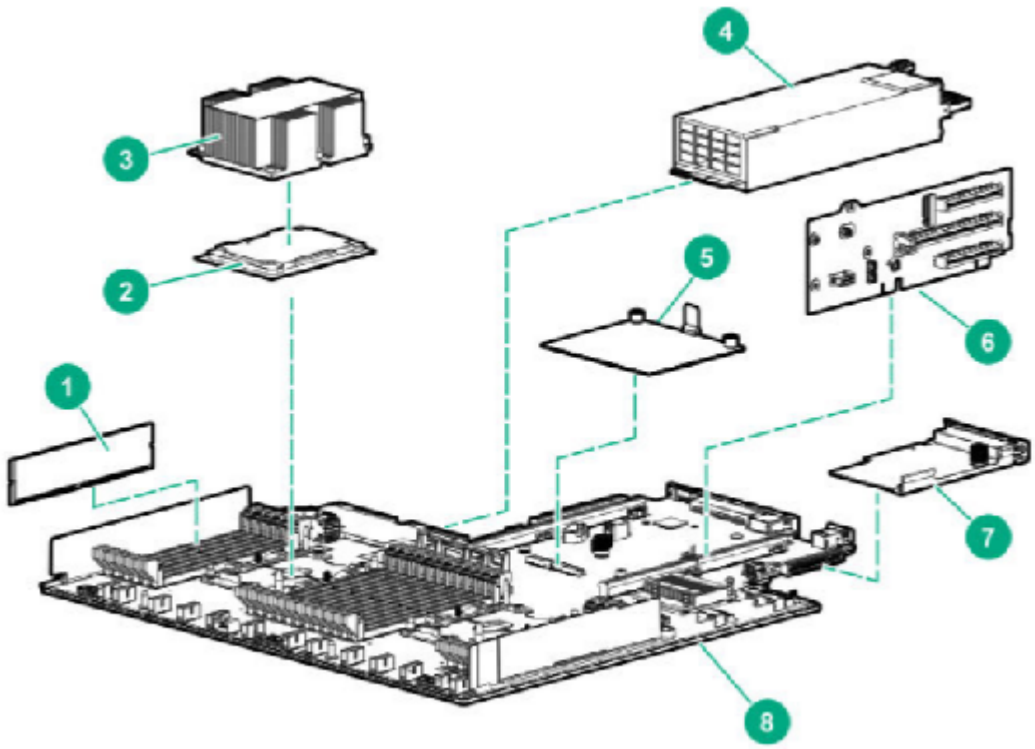
Item	Description	Spare Part Number
3	**Tertiary PCI riser cage**	
	Tertiary PCI riser cage 2U	875057-001
4	**Primary and secondary PCI riser cage**	
	PCI Riser cage	875056-001
5	**Chassis ears**	
	Standard ear kit left and right side	875083-001
	Ear power/UID LFF right and left kit	875084-001
6	**Fan cage**	
	Fan cage - supports 6 fans	875055-001
7	**2U Bezel**	
	2U Bezel	875065-001
	Rail kit	
	Easy install rack mount slide rail kit - For 2U high SFF model servers	744114-001
	Easy install rack mount slide rail kit - For 2U high LFF model servers	744115-001
	Cable management arm 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	744116-001
	Miscellaneous blanks kits	
	Miscellaneous blanks kit front	875069-001
	Miscellaneous blank kit rear	875067-001
	Miscellaneous blanks/bracket kit 2-SFF rear	875068-001

Item	Description	Spare Part Number
	Blank kit includes - Fan and latch M.cell + PCIe/T. RTNRs	875066-001
	Optical drive blank (Cover) - To fill an empty optical drive bay	707300-001

NOTE:

Item 7 not shown in the image

System components



Item	Description	Spare Part Number
1	**Dual In-Line Memory Module (DIMM)**	

Item	Description	Spare Part Number
	2666 MT/s DIMMs	
	8GB PC4-2666V-R, Registered Synchronous Dynamic Random Access Memory (SDRAM) 1Gx8, Dual Data Rate (DDR4) mode, DIMM organized as 1Gx72	850879-001
	8GB PC4-2666V-R - SDRAM, DDR4 mode, DIMM, organized as 1Gx72	878490-001
	16GB PC4-2666V-R, Registered SDRAM 2Gx4, operated in a DDR4 mode, packaged in a DIMM organized as 2Gx72	850880-001
	16Gb PC4-2666V-R SDRAM 1Gx8, operated in DDR4 mode, DIMM, 2Gx72	868846-001
	32GB PC4-2666V-R, Registered SDRAM 2Gx4, operated in a DDR4 mode, packaged in a DIMM organized as 4Gx72	850881-001
	64GB PC4-2666V-L, Registered SDRAM 2Gx4, operated in a DDR4 mode, packaged in a DIMM organized as 8Gx72	850882-001
	128GB PC4-2666V-L, Load Reduced DIMM (LRDIMM) SDRAM, operated in a DDR4 mode, packaged in a DIMM, organized as 16Gx72	850883-001
	2933 MT/s DIMMs	
	DIMM 8GB PC4-2933Y-R 1Gx8 kit	P06186-001
	16GB, Single rank x 4, DDR4-2933, CAS-21-21-21, registered smart memory kit	P06187-001
	DIMM 16GB PC4-2933Y-R 1Gx8 kit	P06188-001

Item	Description	Spare Part Number
	DIMM 32GB PC4-2933Y-R 2G x 4 kit	P06189-001
	64GB, Quad rank x 4, DDR4-2933, CAS-21-21-21, LRDIMM smart memory kit	P06190-001
	DIMM 64GB PC4-2933Y-R 4G x 4 kit	P06192-001
	HPE 128GB (1 x 128GB) Octal rank x 4 DDR4-2933 CAS-24-21-21 LRDIMM smart memory kit	P06191-001
	DIMM,128GB PC4-2933Y-L, 4Gx4	P16001-001
	HPE 16GB Non-Volatile DIMM (NVDIMM)	
	NVDIMM 16GB 1R x 4 NN4-2666 T-R	874540-001
	HPE Persistent Memory Module (PMM)	
	128GB 2666 MT/s PMM	844071-001
	256GB 2666 MT/s PMM	844072-001
	512GB 2666 MT/s PMM	844073-001
2	**Processor**	
	First generation Intel Xeon scalable processors	
	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 - 1.70 GHz (Skylake), 11MB Level-3 cache, 85 W TDP, socket FCLGA3647	875710-001
	Intel Xeon-Silver 4108 eight-core 64-bit processor - 1.80 GHz (Skyl	875712-001

Item	Description	Spare Part Number
	ake), 11MB Level-3 cache, 85 W TDP, socket FCLGA3647	
	Intel Xeon-Silver 4110 eight-core 64-bit processor - 2.10 GHz (Skylake), 11MB Level-3 cache, 85 W 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 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 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 TDP, socket FCLGA3647	875716-001
	Intel Xeon Gold 5117 Fourteen-Core, 64-bit Processor - 2.00 GHz (Skylake, 19.25MB L3 Cache, 105 W thermal design power (TDP), socket FCLGA3647)	P10199-001
	Intel Xeon Gold 5115 ten-core 64-bit processor - 2.40 GHz (Skylake) 13.75MB Level-3 cache, 85 W thermal design power (TDP), socket FCLGA3647)	875715-001
	Intel Xeon-Gold 5118 twelve-core 64-bit processor - 2.30 GHz (Skylake) 16.5MB Level-3 cache, 105 W TDP, socket FCLGA3647	875717-001
	Intel Xeon-Gold 5120 fourteen-core 64-bit processor - 2.20 GHz (Skylake) 19.25MB Level-3 cache, 105 W TDP, socket FCLGA3647	875718-001
	Intel Xeon-Gold 5122 four-core 64-bit processor - 3.60 GHz (Skylake) 16.5MB Level-3 cache, 105 W TDP, socket FCLGA3647	875719-001

Item	Description	Spare Part Number
	Intel Xeon-Gold 6126 twelve-core 64-bit processor - 2.60 GHz (Skylake) 19.25MB Level-3 cache, 125 W TDP, socket FCLGA3647	875720-001
	Intel Xeon-Gold 6128 six-core 64-bit processor - 3.40GHz (Skylake), 19.25MB Level-3 cache, 115 W TDP, socket FCLGA3647	875721-001
	Intel Xeon-Gold 6130 sixteen-cores, processor - 2.10 GHz,(Skylake), 22MB Level-3 cache, 125 W TDP, socket FCLGA3647	874736-001
	Intel Xeon-Gold 6132 fourteen-cores, processor - 2.60 GHz (Skylake). 19.25MB level3 cache, 140 W 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 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 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 TDP, socket FCLGA3647	875724-001
	Intel Xeon-Gold 6137 eight-core 64-bit processor - 3.9 GHz (Skylake) 205 W 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-Gold 6140 eighteen-core 64-bit processor - 2.30 GHz (Sk	874734-001

Item	Description	Spare Part Number
	ylake), 24.75MB Level-3 cache, 140 W TDP, socket FCLGA3647	
	Intel Xeon-Gold 6140M eighteen-core 64-bit processor - 2.30 GHz (Skylake), 24.75MB Level-3 cache, 140 W TDP, socket FCLGA3647 (Supports 1.5TB memory size)	878084-001
	Intel Xeon-Gold 6142 sixteen-core, processor - 2.60 GHz, (Skylake) 22MB Level-3 cache, 150 W TDP, socket FCLGA364	874733-001
	Intel Xeon-Gold 6142M sixteen-core, processor - 2.60 GHz, (Skylake) 22MB Level-3 cache, 150 W TDP, socket FCLGA3647 (Supports 1.5 TB max memory)	878085-001
	Intel Xeon-Gold 6143 sixteen-core 64-bit processor - 2.80 GHz (Skylake), 205 W TDP	882169-001
	Intel Xeon-Gold 6144 eight-core, processor - 3.50 GHz (Skylake), 24.75MB Level-3 cache, 150 W TDP, socket FCLGA3647	875725-001
	Intel Xeon-Gold 6146 twelve-core, Scalable Processor - 3.20 GHz (24.75MB Level-3 cache, 165 W TDP, socket FCLGA 3647)	875726-001
	Intel Xeon-Gold 6148 twenty-cores, processor - 2.40 GHz (Skylake), 27.5MB Level-3 cache, 150 W TDP, socket FCLGA3647	874732-001
	Intel Xeon-Gold 6150 eighteen-core 64-bit processor - 2.70 GHz (Skylake), 24.75MB Level-3 cache, 165 W TDP, socket FCLGA3647	874731-001
	Intel Xeon-Gold 6152 twenty-two cores 64-bit processor - 2.10 GHz, (Skylake) 30.25MB Level-3 cache, 140 W TDP, socket FCLGA3647	874730-001

Item	Description	Spare Part Number
	Intel Xeon-Gold 6154 eighteen-core 64-bit processor - 3.00 GHz (Skylake) 24.75MB Level-3 cache, 200 W TDP, socket FCLGA3647	875727-001
	Intel Xeon-Platinum 8153 sixteen-core 64-bit processor - 2.00 GHz (Skylake), 22MB Level-3 cache, 125 W TDP, socket FCLGA364	875728-001
	Intel Xeon-Platinum 8156 four-core 64-bit processor - 3.60 GHz (Skylake), 16.5MB Level-3 cache, 105 W TDP, socket LGA 3647	875732-001
	Intel Xeon-Platinum 8158 twelve-core 64-bit processor - 3.0 GHz (Skylake), 24.75MB Level-3 cache, 150 W 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 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 TDP, socket FCLGA3647 (Supports 1.5TB memory size)	878086-001
	Intel Xeon-Platinum 8164 twenty-six-core 64-bit processor - 2.00 GHz (Skylake), 35.7MB Level-3 cache, 150 W TDP, socket FCLGA3647	875729-001
	Intel Xeon-P 8165 twenty-four-core 64-bit processor - 2.30 GHz (Skylake),24MB Level-3 cache, 205 W 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 TDP, socket FCLGA3647	875730-001

Item	Description	Spare Part Number
	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 - 2.10 GHz (Skylake), 38.5MB Level-3 cache, 165 W TDP, socket FCLGA3647	874727-001
	Intel Xeon-Platinum 8176M twenty-eight-core 64-bit processor - 2.10 GHz (Skylake), 38.5MB Level-3 cache, 165 W TDP, socket FCLGA3647 - (Supports 1.5TB memory size)	878088-001
	Intel Xeon-Platinum 8180 twenty-eight-core 64-bit processor - 2.50 GHz (Skylake), 38.5MB Level-3 cache, 205 W TDP, socket FCLGA3647	875731-001
	Intel Xeon-Platinum 8180M twenty-eight-core 64-bit processor - 2.50 GHz (Skylake), 38.5MB Level-3 cache, 205 W TDP, socket FCLGA3647 - (Supports 1.5TB memory size)	878089-001
	Second generation Intel Xeon scalable processors	
	Intel Xeon 3204 v4 six-core 64-bit processor - 1.90 GHz (Cascade Lake, 8.25MB cache, 85 W TDP, socket FCLGA3647)	P11604-001
	Intel Xeon-Bronze 3206R v4 Eight-Core 64-bit processor - 1.9 GHz	P19248-001

Item	Description	Spare Part Number
	(85 W Thermal Design Power (TDP))	
	Intel Xeon-Silver 4210R v4 Ten-Core 64-bit processor - 2.4 GHz (100 W thermal design power (TDP))	P19246-001
	Intel Xeon-Silver 4208 v4 eight-core 64-bit processor - 2.10 GHz (Cascade Lake, 11MB cache, 85 W TDP, socket FCLGA3647)	P11605-001
	Intel Xeon-Silver 4210 v4 ten-core 64-bit processor - 2.20 GHz (Cascade Lake, 13.75MB cache, 85 W TDP, socket FCLGA3647)	P11606-001
	Intel Xeon-Silver 4214 v4 twelve-core 64-bit processor - 2.20 GHz (Cascade Lake, 16.5MB cache, 85 W TDP, socket FCLGA3647	P11607-001
	CPU CLX 4214Y - 2.1GHz 105 W 12/10/8C	P11636-001
	Intel Xeon-Silver 4215 v4 eight-core 64-bit processor - 2.50 GHz (Cascade Lake, 11MB cache, 85 W TDP)	P11608-001
	Intel Xeon-Silver 4216 sixteen-core 64-bit processor - 2.10 GHz (Cascade Lake, 22MB cache, 100 W TDP, socket FCLGA3647)	P11609-001
	Intel Xeon-Gold 5215 v4 ten-core 64-bit processor - 2.60 GHz (Cascade Lake, 20MB cache, 85 W TDP, socket LGA-3647)	P11610-001
	Intel Xeon Silver 4215R v4 Eight-Core 64-bit processor - 3.2 GHz (130 W thermal design power (TDP))	P25089-001
	Intel Xeon-Gold 5215M v4 ten-core 64-bit processor - 2.50 GHz (Cascade Lake, 38.5MB cache, 85 W TDP, socket FCLGA3647)	P11626-001

Item	Description	Spare Part Number
	Intel Xeon-Gold 5215L v4 ten-core 64-bit processor - 2.50 GHz (Cascade Lake, 13.75MB cache, 85 W TDP, socket FCLGA3647)	P11631-001
	Intel Xeon-Gold 5217 v4 eight-core 64-bit processor - 3.00 GHz (Cascade Lake, 11MB cache, 115 W TDP, socket FCLGA3647)	P11611-001
	Intel Xeon-Gold 5218 v4 sixteen-core 64-bit processor - 2.30 GHz (Cascade Lake, 22MB cache, 125 W TDP, socket FCLGA3647)	P11612-001
	Intel Xeon-Gold 5218B v4 sixteen-core 64-bit processor - 2.30 GHz (Cascade Lake, 22MB cache, 125 W TDP, socket FCLGA3647)	P12532-001
	Intel Xeon-Gold 5218N v4 sixteen-core 64-bit processor - 2.30 GHz (Cascade Lake, 22MB cache, 110 W TDP, socket FCLGA3647)	P12021-001
	Intel Xeon-Gold 5220 v4 eighteen-core 64-bit processor - 2.20 GHz (Cascade Lake, 24.75MB cache, 125 W TDP, socket FCLGA2011-3)	P11613-001
	CPU CLX-R 5218R - 2.1G,20C,125 W	P25090-001
	Intel Xeon-Gold 5220S v4 eighteen-core 64-bit processor - 2.70 GHz (Cascade Lake, 25MB cache, 125 W TDP)	P11627-001
	Intel Xeon-Gold 5222 v4 four-core 64-bit processor - 3.80 GHz (Cascade Lake, 16.5MB cache, 105 W TDP, socket LGA-3647)	P11632-001
	Intel Xeon-Gold 6208U v4 Sixteen-Core 64-bit processor - 2.9 GHz (150 W thermal design power (TDP))	P25102-001
	Intel Xeon-Gold 6209U v4 twenty-core 64-bit processor - 2.10 GH	P11644-001

Item	Description	Spare Part Number
	z (Cascade Lake, 28MB cache, 125 W TDP)	
	Intel Xeon-Gold 6210U v4 twenty-core 64-bit processor - 2.50 GHz (Cascade Lake, 20MB cache, 150 W 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 TDP, socket FCLGA3647)	P11643-001
	Intel Xeon-Gold 6222V v4 twenty-core 64-bit processor - 1.80 GHz (Cascade Lake, 28MB cache, 115 W TDP)	P12019-001
	Intel Xeon-Gold 6226 v4 twelve-core 64-bit processor - 2.70 GHz (Cascade Lake, 19MB cache, 125 W 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 TDP, socket FCLGA3647)	P11614-001
	Intel Xeon-Gold CLX 6230N twenty-core 64-bit processor - 2.30 GHz (Cascade Lake, 27.5MB cache, 125 W 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 (Ca	P12009-001

Item	Description	Spare Part Number
	scade Lake, 25MB cache, 130 W TDP, socket FCLGA3647)	
	Intel Xeon-Gold 6238 v4 Twenty Two-core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W TDP, socket FCLGA3647)	P12010-001
	Intel Xeon-Gold 5220R v4 twenty four-Core 64-bit processor - 2.2 GHz (125 W thermal design power (TDP))	P19241-001
	Intel Xeon-Gold 6238M v4 twenty-two-core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W 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
	Intel Xeon-Gold 6238L v4 twenty-two-core 64-bit processor - 2.10 GHz (Cascade Lake, 30MB cache, 140 W TDP)	P12016-001
	Intel Xeon-Gold CLX 6240 v4 eighteen-core 64-bit processor - 2.60 GHz (Cascade Lake, 24.75MB cache, 150 W TDP, socket LGA-3647)	P11615-001
	Intel Xeon-Gold 6240 v4 eighteen-core 64-bit processor - 2.60 GHz (Cascade Lake, 25MB cache, 150 W TDP, socket FCLGA3647)	P12015-001
	Intel Xeon-Gold 6240R v4 Twenty Four-Core 64-bit processor - 2.4 GHz (165 W thermal design power (TDP))	P25097-001
	CPU CLX 6240Y - 2.60 GHz 150 W 18/14/8C	P11637-001
	Intel Xeon-Gold 6240M v4 eighteen-core 64-bit processor - 2.60 GHz (Cascade Lake, 25MB cache, 150 W TDP, socket FCLGA3647)	P12013-001

Item	Description	Spare Part Number
	Intel Xeon-Gold 6242 v4 sixteen-core 64-bit processor - 2.80 GHz (Cascade Lake, 22MB cache, 150 W TDP, socket LGA-3647)	P11616-001
	Intel Xeon-Gold 6242R v4 Twenty-Core 64-bit processor - 3.1 GHz (205 W thermal design power (TDP))	P25098-001
	Intel Xeon-Gold CLX 6244 eight-core 64-bit processor - 3.60 GHz (Cascade Lake , 24.75MB cache, Intel QPI speed 8.0 GT/s, 150 W TDP, socket FCLGA3647)	P11617-001
	Intel Xeon-Gold CLX 6246 twelve-core 64-bit processor - 3.30 GHz (Cascade Lake, 24.75MB cache, Intel QPI speed 8.0 GT/s, 165 W 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 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 TDP, socket LGA-3647)	P11619-001
	Intel Xeon-Gold CLX 6252N twenty-four-core 64-bit processor - 2.30 GHz (Cascade Lake, 35.75MB ca	P12023-001

Item	Description	Spare Part Number
	che, Intel QPI speed 8.0 GT/s, 150 W TDP, socket FCLGA-3647)	
	Intel Xeon-Gold 6254 v4 eighteen-core 64-bit processor - 3.10 GHz (Cascade Lake, 24.75MB cache, 200 W TDP, socket FCLGA3647)	P11620-001
	Intel Xeon-Gold 6262V v4 twenty-four-core 64-bit processor - 1.90 GHz (Cascade Lake, 33MB cache, Intel QPI, 135 W TDP)	P12020-001
	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 6256 v4 Twelve-Core 64-bit processor - 3.6 GHz (205 W thermal design power (TDP))	P25093-001
	Intel Xeon-Gold 8253 v4 sixteen-core 64-bit processor - 2.20 GHz (Cascade Lake, 22MB cache, 125 W TDP)	P12011-001
	Intel Xeon-Platinum 8256 four-core 64-bit processor - 3.80 GHz (Cascade Lake , 16.5MB cache, Intel QPI speed 8.0 GT/s, 105 W TDP)	P12012-001
	Intel Xeon-Platinum 8260 v4 twenty-four-core 64-bit processor - 2.40 GHz (Cascade Lake, 35.75MB cache, 165 W TDP, socket FCLGA3647)	P11621-001
	Intel Xeon-Platinum 8260M v4 twenty-four-core 64-bit processor - 2.40 GHz (Cascade Lake, 36MB cache, 165 W TDP, socket FCLGA3647)	P11628-001
	Intel Xeon-Platinum 8260Y v4 sixteen-core 64-bit processor - 2.40 GHz (Cascade Lake, 35.75MB cache, 165 W TDP, socket FCLGA3647)	P11638-001

Item	Description	Spare Part Number
	Intel Xeon-Platinum CLX 8260L twenty-four-core 64-bit processor - 2.40 GHz (Cascade Lake, 36MB cache, 165 W TDP, socket FCLGA3647)	P11633-001
	Intel Xeon-Platinum 8268 v4 twenty-four-core 64-bit processor - 2.90 GHz (Cascade Lake, 35.75MB cache, 205 W TDP, socket FCLGA-3647)	P11622-001
	Intel Xeon-Platinum 8270 v4 twenty-six-core 64-bit processor - 2.70 GHz (Cascade Lake, 35.75MB cache, 205 W TDP, socket FCLGA3647)	P11623-001
	Intel Xeon CLX 8276 twenty-eight-core 64-bit processor - 2.20 GHz (Cascade Lake, 38.5MB cache, 165 W TDP, socket FCLGA3647)	P11624-001
	Intel Xeon-Platinum CLX 8276M twenty-eight-core 64-bit processor - 2.20 GHz (Cascade Lake, 38.5MB cache, 165 W TDP)	P11629-001
	Intel Xeon-Platinum 8276L twenty-eight-core 64-bit processor - 2.20 GHz (Cascade Lake, 38.5MB cache, 165 W TDP, socket FCLGA3647)	P11634-001
	Intel Xeon-Platinum 8280 v4 twenty-eight-core 64-bit processor - 2.70 GHz (Cascade Lake, 38.5MB cache, 205 W TDP, socket FCLGA-3647)	P11625-001
	Intel Xeon-Platinum 8280M twenty-eight-core 64-bit processor - 2.70 GHz (Cascade Lake, 38.5MB cache, Intel QPI speed 8.0 GT/s, 205 W TDP)	P11630-001
	Intel Xeon-Platinum CLX 8280L twenty-eight-core 64-bit processor - 2.70 GHz (Cascade Lake, 38.5M	P11635-001

Item	Description	Spare Part Number
	B cache, Intel QPI speed 8.0 GT/s, 205 W TDP)	
3	**Heatsink**	
	Standard heatsink	875070-001
	High performance heatsink	875071-001
	Standard 1U heatsink	872452-001
4	**Power supply** [1]	
	800 W Flexible slot universal hot-plug low halogen power supply kit - 277 V ac/380 V dc power input - 94% efficiency	866727-001
	HPE 800 W Flexible slot (-48) V dc hot-plug low halogen power supply kit - 94% efficiency	866728-001
	500 W Flexible slot platinum hot-plug low halogen power supply kit, 94% efficiency	866729-001
	800 W AC Flexible slot 'platinum plus' hot-plug low Halogen power supply - Supports power discovery services (Blue plug) - 96% efficiency	866730-001
	800 W Flexible slot titanium hot-plug low halogen power supply - 200-240 V ac power input - 96% efficiency	866793-001
	800 W power supply - BBU 400 W, 12 V, 1U, HE-P	866430-001
	1600 W Flexible slot 'platinum plus' hot-plug low halogen power supply - Supports power discovery services (Blue plug) - 96% efficiency	863373-001
5	**Controller**	
	Smart Array controller	

Item	Description	Spare Part Number
	Smart Array E208i-a controller - Adaptive RAID On Chip (AROC), 8 -SAS lanes across 2 x 4 internal M ini-SAS ports, No Flash-Backed Wr ite Cache (FBWC), 12 Gb/s SAS, 6 Gb/s SATA, RAID 0, 1, 5, 10	836259-001
	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 P408i-a SR modular c ontroller - 8-SAS lanes across 2 x 4 internal Mini-SAS ports, 2GB FB WC, 12 Gb/s SAS, 6 Gb/s SATA, RAI D 0, 1, 5, 6, 10, 50, 60, 1 Advanced Data Mirroring (ADM), 10 ADM	836260-001
	Smart Array P816i-a SR Gen10 - A ROC (Adaptive RAID on chip), SA S/SATA interface, 16-SAS lanes ac ross 4 x 4 internal Mini-SAS ports , 4GB FBWC, 12 Gb/s SAS, 6 Gb/s SATA	836261-001
	Smart Array E208e-p SR controlle r - SAS/SATA interface, 8-SAS lan es across (No FBWC) 2 x 4 externa l Mini-SAS ports, 12 Gb/s SAS, 6 G b/s SATA, PCIe 3.0 x 8 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 3.0 x 8, 8-SAS 2 x 4 internal Mini-SAS lanes, 2GB FB WC, RAID 0, 1, 5, 6, 10, 50, 60, 1 A DM, 10 ADM	836269-001
	Smart Array P408e-a SR modular controller - 12 Gb/s SAS, 6 Gb/s SATA and PCIe 3.0 x 8, 8-SAS 2 x 4 internal Mini-SAS lanes, 4GB FB WC, RAID 0, 1, 5, 6, 10, 50, 60, 1 A DM, 10 ADM	836270-001

Item	Description	Spare Part Number
	24 Port PCIe RAID controller with 3 pin cable	871043-001
	Host Bus Adapter (HBA)	
	StoreFabric SN1600Q 32Gb - Single port Fiber Channel (FC) adapter - 32 Gb/s interface, PCIe 3.0 to FC	868140-001
	StoreFabric SN1600Q 32Gb - Dual port FC adapter - 32 Gb/s interface, PCIe 3.0 to FC	868141-001
	StoreFabric SN1600E 32Gb single port FC HBA - 32 Gb/s interface, PCIe 3.0 to FC	869999-001
	PCIe 1-port, 8GB, FC 81Q (QLogic) HBA board - Has one fully independent 2/4/8Gb auto-negotiation short wave laser LC port - Requires one low profile (Or full height) x 8 PCIe slot	489190-001
	SN1200E 16Gb single port FC HBA - 16 Gb/s interface	870001-001
	SN1200E 16Gb dual port FC HBA - 16 Gb/s interface	870002-001
	PCIe 2-port, 8GB, FC 82Q (QLogic) HBA board - Has two fully independent 2/4/8Gb auto-negotiation short wave laser LC ports - Requires one low profile (Or full-height) x 8 PCIe slot	489191-001
	StoreFabric SN1100E 4-port 16Gb FC HBA - 16 Gb/s interface, PCIe 3.0 to FC	853008-001
	HPE StoreFabric 84E 4-port 8Gb FC HBA	780686-001
	81E 8Gb 1-port PCIe FC HBA - PCIe 2.0 to FC, 8 Gb/s interface	697889-001

Item	Description	Spare Part Number
	81E 8Gb 1-port PCIe FC HBA - PC Ie 2.0 to FC, 8 Gb/s interface	697890-001
	PCIe 4-port, 8GB, FC 84Q (QLogic) HBA board - Has four fully indepe ndent 2/4/8Gb auto-negotiation s hort wave laser LC ports - Requi res one low profile (Or full height) x 8 PCIe slot	853009-001
	StoreFabric SN1100Q 16Gb single port FC HBA	853010-001
	StoreFabric SN1100Q 16Gb two port FC HBA - 16 Gb/s interface, P CIe 3.0 to FC	863011-001
	Converged Network Adapter (CNA)	
	StoreFabric CN1100R - Dual port CNA, ethernet, iSCSI, and FC over 10 GbE using both FC over Ethern et (FCoE) and Converged Enhance d Ethernet (CEE)	706801-001
	HPE StoreFabric CN1100R-T 10G b CNA	872605-001
	CN1200E 10Gb CNA - Dual port c onverged network adapter, ethern et, iSCSI, and FC over 10 GbE usin g both FCoE and CEE	767078-001
	StoreFabric CN1200E-T 10Gb CN A - Dual port CNA, ethernet, iSCSI, and FC over 10 GbE using both FC oE and CEE	827607-001
	10Gb Ethernet SFP+QL41401 NIC adapter 2port	P11585-001
	HPE Ethernet 10/25Gb 2-port 64 2SFP28 Adapter	P25987-001
	Distributed Services Platform DSC -25 10/25G 2-port SFP28 Card	P27682-001
	Network Interface Cacrd (NIC) 2p 10 GbE SFP+ MLX CX4-LX	P12531-001

Item	Description	Spare Part Number
6	**PCI Riser board**	
	2 x 8 x 16 PCIe M.2 Riser	877946-001
	2 x 8 x16 PCIe Riser	875058-001
	PCI Riser board x 16 x 16 PCIe S1/2	875059-001
	PCI Riser board x 16 x 16 PCIe S2/3	875060-001
	x 16 PCIe Tertiary riser	875061-001
	PCIe Riser board x 8-x 8 riser	877947-001
	PCI Riser board 2 slim SAS tertiary riser	875062-001
	Riser board 1-S x 16 1U riser	875085-001
	PCI Riser 3 x 8/x 1 Slim SAS board	875086-001
	PCI Riser quad slim SAS board	875087-001
	HPE DL38X Gen10 3x16 GPU Riser	P19163-001
7	**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 FDR/Ethernet FlexibleLOM - 10Gb/40Gb 2-port 544+ Quad Small Form-factor Pluggable (QSFP) adapter	764736-001
	HPE Ethernet 10/25Gb 2-port 640FLR-SFP28 Adapter	840139-001
	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	840133-001

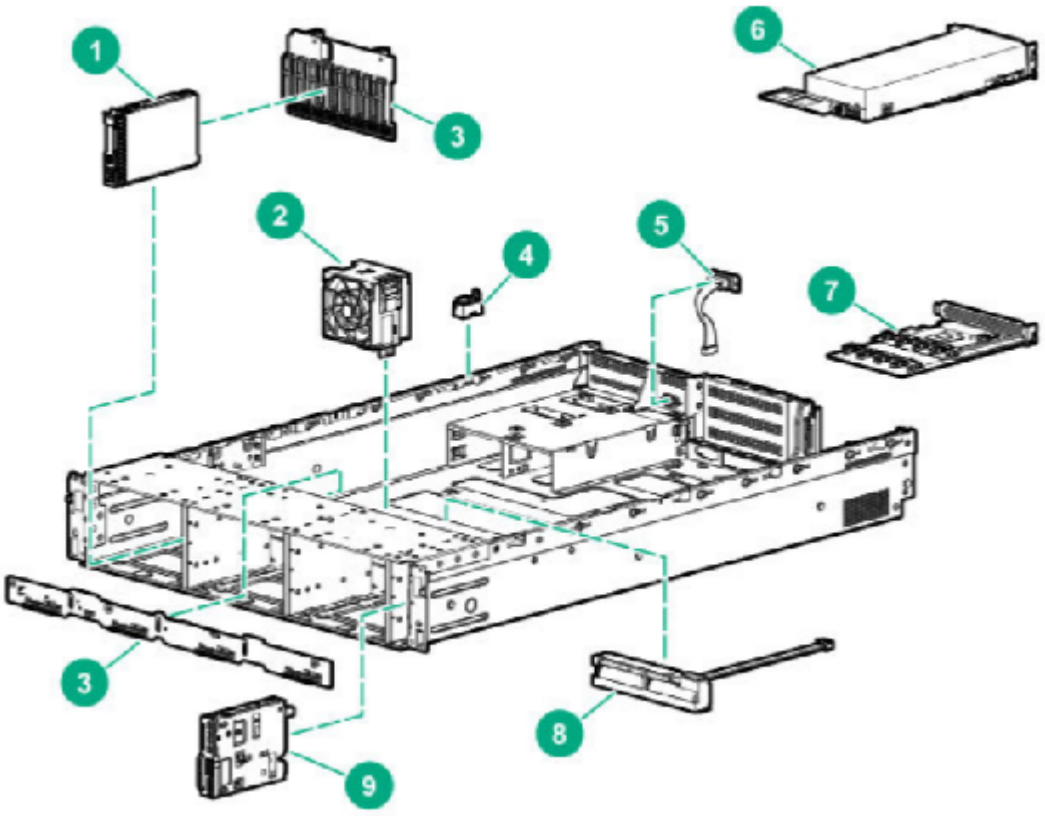
Item	Description	Spare Part Number
	HPE Ethernet 10/25Gb 2-port 62 2FLR-SFP28 Adapter	869572-001
	HPE Ethernet 10Gb 2-port 537FL R-SFP+ Adapter	P12925-001
	HPE Ethernet 10Gb 2-port 562FL R-SFP+ Adapter	790317-001
	HPE Ethernet 10Gb 2-port 562FL R-T Adapter	840138-001
	HPE FlexFabric 10Gb 4-port 536F LR-T Adapter	768082-001
	HPE Ethernet 10Gb 2-port 535FL R-T Adapter	854177-001
	HPE FlexFabric 10Gb 2-port 534F LR-SFP+ Adapter	701531-001
	HPE FlexFabric 10Gb 2-port 533F LR-T Adapter	701534-001
	HPE Ethernet 1Gb 4-port 331FLR Adapter	789897-001
	HPE Ethernet 1Gb 4-port 366FLR Adapter	669280-001
	InfiniBand adapter	
	HPE InfiniBand HDR100/Ethernet 1-port 940QSFP56 x16 Adapter	P08356-001
	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Ad apter	P08355-001
	HPE InfiniBand HDR/Ethernet 20 0Gb 1-port 940QSFP56 x16 Ada pter	P08354-001
	HPE InfiniBand HDR PCIe G3 Auxil iary card with 150 mm cable kit	P10330-001
	HPE InfiniBand HDR PCIe G3 Auxil iary card with 350 mm cable kit	P10331-001
8	**System board**	
	System I/O board (Motherboard) a ssembly - For Intel (Skylake) proc essors - Includes the system I/O board, alcohol pad, thermal grease , and installation instruction card -	875073-001

Item	Description	Spare Part Number
	Processors must be same spare pa rt number	
	System board, first and second g eneration Intel Xeon Scalable proc essors	P11782-001
	System I/O without NIC	P19928-001
	Blank, Quad NIC	P19929-001
	System I/O with subpan CLX	P11781-001
9	**System battery** [2]	
	Battery for Real-Time Clock (RTC) - 3.0 V, 220 mAh, lithium coin cell, 20 mm diameter, 3.2 mm height (C R2032)	319603-001

NOTE:

1. Mixing of power supplies in the same server is not supported, must be the same spare part number.
2. Not shown in the image

Server options



Item	Description	Spare Part Number
1	**Drive**	
	Hot-Plug drive	
	1TB Serial Attached SCSI (SAS) drive - 12 Gb/s transfer rate, 7,500 RPM,2.5-in SFF, Midline (MDL), SmartDrive Carrier (SC) - For use with Gen8/Gen9 or newer	832984-001
	1TB Hot-Plug SAS Hard Disk Drive (HDD) - 7,200 RPM, 12 Gb/s transfer rate, 2.5-in SFF, MDL, 512e sector format, SC	765872-001
	1TB SATA HDD - 7,200 RPM, 6 Gb/s transfer rate, 3.5-in LFF, Midline, SC	862128-001
	1TB SAS Hard drive - 12 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC	846612-001

Item	Description	Spare Part Number
	1TB Hot-Plug SATA HDD - 7,200 RPM, 6 Gb/s transfer rate, 2.5-in S FF, MDL, 512e sector format, SC	765868-001
	1TB Hot-Plug SATA HDD - 7,200 RPM, 6 Gb/s transfer rate, 2.5-in S FF, MDL, SC - Not for use in MSA p roducts	656108-001
	2TB Hot-Plug SAS HDD - 12 Gb/s transfer rate, 7,200 RPM, 2.5-in S FF, MDL, 512e format, SC - For use with Gen8/Gen9 or newer	765873-001
	2TB HDD - SAS interface, 12 Gb/s interface, 3.5-in LFF, 7,200 RPM, S C, DP, Digitally Signed (DS) firmwa re	872744-001
	2TB SAS Hard drive - 7,200 RPM , 3.5-in LFF, 12 Gb/s interface, SC, MDL SAS - For use with Gen8/Gen 9 or newer	819078-001
	2TB HDD - SATA interface, 6 Gb/s i nterface, 3.5-in LFF, 7,200 RPM, S C, DS firmware	872771-001
	2TB SATA Hard drive - 6 Gb/s inter face, 7,200 RPM, 3.5-in LFF, SC, M DL	862126-001
	2TB Hot-Plug SATA HDD - 6 Gb/s transfer rate, 7,200 RPM, 2.5-in S FF, MDL, 512e sector format, SC	765869-001
	3TB SATA Hard drive - 6 Gb/s inter face, 7,200 RPM, 3.5-in LFF, SC	862129-001
	3TB SAS Hard drive - 12 Gb/s inte rface, 7,200 RPM, 3.5-in LFF, SC - For use with Gen8/Gen9 or newer	846614-001
	4TB SAS Hard drive - 12 Gb/s tran sfer rate interface, 7,200 RPM, 3.5 -in LFF, MDL, 512e format, DS firm ware , SC	862141-001

Item	Description	Spare Part Number
	4TB HDD - SAS interface, 12 Gb/s interface, 3.5-in LFF, 7,200 RPM, SC, Dual Port (DP), DS firmware	872745-001
	4TB SAS Hard drive - 12 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC, MDL SAS - For use with Gen8/Gen9 or newer	819079-001
	4TB HDD - SATA interface, 6 Gb/s interface, 3.5-in LFF, 7,200 RPM, SC, DS firmware	872772-001
	4TB SATA Hard drive - 6 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC, MDL	862127-001
	4TB SATA Hard drive - 6 Gb/s transfer rate interface, 7,200 RPM, 3.5-in LFF, MDL, 512e format, DS firmware ,SC	862139-001
	6TB SATA MDL Hard drive - 6 Gb/s SATA interface, 7,200 RPM, 3.5-in LFF, SC	846608-001
	6TB SATA Hard drive - 6 Gb/s transfer rate interface, 7,200 RPM, 3.5-in LFF, MDL, 512e format, DS firmware , SC	862138-001
	6TB SAS Hard drive - 12 Gb/s transfer rate interface, 7,200 RPM, 3.5-in LFF, MDL, 512e format, DS firmware ,SC	862140-001
	8TB SATA Hard drive - 6 Gb/s interface, 7,200 RPM, 3.5-in LFF, LP, SC, 512e format, DS firmware	861609-001
	8TB SATA Hard drive - 6 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC, MDL, 512e format	820033-001
	10TB SATA Hard drive - 6 Gb/s interface, 7,200 RPM, 3.5-in LFF, 512e format	857967-001

Item	Description	Spare Part Number
	6TB SAS MDL Hard drive - 12 Gb/s SAS interface, 7,200 RPM, 3.5-in LFF, SC - For use with Gen8/Gen9 or newer	846610-001
	8TB SAS Hard drive - 12 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC - For use with Gen8/Gen9 or newer	861607-001
	8TB SAS HDD - 12 Gb/s transfer rate, 7,200 RPM, 3.5-in LFF, SC, 512e format, MDL - For use with Gen8/Gen9 or newer	820032-001
	10TB SATA Hard drive - 12 Gb/s interface, 7,200 RPM, 3.5-in LFF, SC - For use with Gen8/Gen9 or newer	857965-001
	10TB SAS Hard drive - 3.5-in LFF, 12G , High Endurance (HE), Low Profile (LP), DS firmware	P11186-001
	10TB SAS Hard drive - 3.5-in LFF, 12G, HE, ST, DS firmware	P11187-001
	14TB SAS Hard drive - 3.5-in LFF, 12G, HE, SC, DS firmware	P11188-001
	14TB Hard drive - 3.5-in LFF, 12G, HE, LP, DS firmware	P11518-001
	14TB SATA Hard drive - 3.5-in LFF, HE, SC, DS firmware	P11185-001
	14TB SATA Hard drive - 3.5-in LFF, 6G, HE, LP, DS firmware	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

Item	Description	Spare Part Number
	16TB SAS Hard Disk Drive - 3.5-in Large Form Factor (LFF) ISE He S mart Carrier	P25247-001
	10TB SATA Hard drive - 3.5-in LF F, 6G, HE, LP, DS firmware	P11184-001
	300GB Hot-Plug SAS HDD - 10,0 00 RPM, 12 Gb/s transfer rate, 2.5 -in SFF, SC - For use with Gen8/Ge n9 or newer	785410-001
	300GB SAS Hard drive - 12 Gb/s i nterface, 10,000 RPM, 2.5-in SFF, SC, DS firmware	872735-001
	600GB SAS Hard drive - 12 Gb/s i nterface, 10,000 RPM, 2.5-in SFF, SC, DS firmware	872736-001
	600GB Hot-Plug SAS HDD - 12 G b/s transfer rate, 10,000 RPM, 2.5 -in SFF, SC - For use with Gen8/Ge n9 or newer	781577-001
	900GB Hot-Plug SAS HDD - 12 G b/s transfer rate, 10,000 RPM, 2.5 -in SFF, Enterprise, SC	785411-001
	1.2TB Hot-Plug SAS HDD - 12 G b/s transfer rate, 10,000 RPM, 2.5 -in SFF, SC - For use with Gen8/Ge n9 or newer	781578-001
	1.2TB SAS Hard drive - 12 Gb/s in terface, 10,000 RPM, 2.5-in SFF, S C, DS firmware	872737-001
	1.8TB Serial Attached SCSI (SAS) hard drive - 12 Gb/s interface, 10, 000 RPM, 2.5-in SFF, Enterprise dr ive, 512e format, DS firmware	872738-001
	1.8TB Hot-Plug SAS HDD - 12 G b/s transfer rate, 10,000 RPM, 2.5 -in SFF, enterprise drive, 512e for mat, SC - For use with Gen8/Gen9 or newer	791055-001

Item	Description	Spare Part Number
	300GB Hot-Plug SAS HDD - 12 Gb/s transfer rate, 15,000 RPM, 2.5-in SFF, SC - For use with Gen8/Gen9 or newer	759546-001
	300GB SAS Hard drive - 12 Gb/s interface, 15,000 RPM, 2.5-in SFF, enterprise drive, SC, DS firmware	870792-001
	450GB Hot-Plug dual-port SAS HDD - 15,000 RPM, 12 Gb/s transfer rate, 2.5-in SFF, SC - For use with Gen8/Gen9 or newer	759547-001
	600GB SAS Hard drive - 12 Gb/s interface, 15,000 RPM, 2.5-in SFF, enterprise drive, SC, DS firmware	870794-001
	600GB SAS Hard drive - 12 Gb/s interface, 15,000 RPM, 2.5-in SFF, enterprise drive, 512e format, DS firmware	870797-001
	600GB Hot-Plug SAS HDD - 12 Gb/s transfer rate, 15,000 RPM, 2.5-in SFF, SC - For use with Gen8/Gen9 or newer	759548-001
	600GB Hot-Plug SAS HDD - 15,000 RPM, 12 Gb/s transfer rate, 2.5-in SFF, Enterprise, 512e format, SC - For use with Gen8/Gen9 or newer	748435-001
	900GB SAS Hard drive - 12 Gb/s interface, 15,000 RPM, 2.5-in SFF, enterprise drive, SC, DS firmware	870795-001
	900GB SAS Hard drive - 12 Gb/s interface, 15,000 RPM, 2.5-in SFF, DP, SC, DS firmware, 512e format	870798-001
	Solid state Non-Volatile Memory express (NVMe)	
	400GB NVMe Solid State Drive (SSD) - NVMe interface, Write Intensive (WI), 2.5-in SFF, Mainstream Endurance (ME), Smart Carrier 2 (S	765059-001

Item	Description	Spare Part Number
	C2), Power Loss Protection (PLP) - Supports select Gen9 servers	
	400GB NVMe SSD - NVMe interface, Read Intensive (RI), 2.5-in SFF, Value Endurance (VE), SC2, PLP - Supports select Gen9 servers	765067-001
	400GB NVMe SSD - NVMe interface, Mixed Use (MU), 2.5-in SFF, Light Endurance (LE), SC2, PLP - Supports select Gen9 servers	765063-001
	800GB NVMe SSD - NVMe interface, WI, 2.5-in SFF, ME, SC2, PLP - Supports select Gen9 serve	765060-001
	800GB NVMe SSD - NVMe interface, MU, 2.5-in SFF, LU, SC2, supports PLP - Supports select Gen9 servers	765064-001
	DRV SSD 800GB SFF NVMe x 4 MU, Smart Carrier Non-Volatile Memory Express (SCN), DS	P10648-001
	DRV SSD 800GB SFF NVMe U.3 MU SCN	P28066-001
	DRV SSD 800GB NVMe U.3 DS	P26422-001
	DRV SSD 800TB NVMe U.3 SFF MU SCN	P20754-001
	DRV SSD 960GB SFF NVMe x 4 RI, SCN, DS	P10645-001
	960GB SSD, NVMe x4, 2.5-in SFF, RI SCN, DS firmware	P10652-001
	Drive SSD 960GB NVMe U.3 DS	P26423-001
	DRV SSD 960GB NVMe U.3 SFF RI SCN	P20764-001
	1.2TB NVMe SSD - NVMe interface, RI, 2.5-in SFF, VE, SC2, PLP - Supports select Gen9 servers	765068-001
	DRV SSD 1.6TB NVMe U.3 SFF MU SCN	P20755-001

Item	Description	Spare Part Number
	DRV SSD 1.6TB NVMe U.3 SFF M U SCN	P20794-001
	1.6TB NVMe SSD - NVMe interfac e, WI, 2.5-in SFF, ME, SC2, PLP - S upports select Gen9 servers only	765061-001
	DRV SSD 1.6TB NVMe U.3 DS	P26414-001
	1.6TB NVMe SSD - NVMe interfac e, MU, 2.5-in SFF, LU, SC2, suppor ts PLP - Supports select Gen9 ser vers	765065-001
	1.6TB SSD - NVMe x 4, 2.5-in SFF, MU, SCN, DS firmware	P10470-001
	1.6TB NVMe x 8 MU Half-Height (HH) DS card	P10670-001
	DRV SSD 1.6TB SFF NVMe x 4 M U SCN DS	P10649-001
	1.6TB NVMe x 4 MU SFF Read Wri te (RW) DS SSD	P12435-001
	1.92TB SSD - NVMe x 4, 2.5-in SF F, SCN, DS firmware	P10466-001
	1.92TB SFF NVMe x 4 RI, SCN, DS SSD	P10646-001
	1.92TB SSD, NVMe x 4, 2.5-in SFF, RI SCN, DS firmware	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
	2.0TB NVMe SSD - PCIe NVMe in terface, MU, 2.5-in SFF, LU, SC2, su pports PLP - Supports select Gen9 servers	765066-001

Item	Description	Spare Part Number
	2.0TB NVMe SSD - PCIe NVMe interface, RI, 2.5-in SFF, ME, SC2, PLP - Supports select Gen9 server	765069-001
	2.0TB NVMe SSD - NVMe interface, WI, 2.5-in SFF, ME, SC2, PLP - Supports select Gen9 servers	765062-001
	3.2TB SSD - NVMe x 4, 2.5-in SFF, MU, SCN, DS firmware	P10471-001
	DRV SSD 3.2TB NVMe U.3 DS	P26415-001
	3.2TB NVMe x 8 MU, HH, DS Card	P10671-001
	DRV SSD 3.2TB NVMe U.3 SFF MU SCN	P20795-001
	DRV SSD 3.2TB NVMe U.3 SFF MU SCN	P20756-001
	3.2TB SFF NVMe x 4 MU, SCN, DS, SSD	P10650-001
	3.84TB SSD - NVMe x 4, 2.5-in SFF, RI, SCN, DS firmware	P10467-001
	3.84TB SFF NVMe x 4 RI, SCN, DS SSD	P10647-001
	3.84TB SSD, NVMe x 4, 2.5-in SFF, RI SCN, DS firmware	P10654-001
	3.84TB NVMe x 4 RI SFF RW DS SSD	P12430-001
	DRV SSD 3.84TB NVMe U.3 SFF RI SCN	P20766-001
	DRV SSD 3.84TB NVMe U.3 DS	P26419-001
	DRV SSD 3.84TB NVMe U.3 SFF RI SCN	P20803-001
	6.4TB SSD - NVMe x 4, 2.5-in SFF, MU, SCN, DS firmware	P10472-001
	6.4TB NVMe x 8 MU, HH, DS Card	P10672-001
	6.4TB SFF NVMe x 4 MU, SCN, DS SSD	P10651-001

Item	Description	Spare Part Number
	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
	Drive SSD 6.4TB NVMe U.3 DS	P26416-001
	7.68TB SSD - NVMe x 4, 2.5-in SF F, RI, SCN, DS firmware	P10468-001
	Drive SSD 7.68TB NVMe U.3 DS	P26420-001
	7.68TB SSD - NVMe x 4, 2.5-in SF F, RI, SCN, DS firmware	P10655-001
	DRV SSD 12.8TB NVMe U.3 SFF MU SCN	P20797-001
	DRV SSD 12.8TB NVMe U.3 DS	P26417-001
	DRV SSD 7.68TB NVMe U.3 SFF R I SCN	P20804-001
	DRV SSD 7.68TB NVMe U.3 SFF R I SCN	P20767-001
	DRV SSD 15.36TB NVMe U.3 SFF RI SCN	P20805-001
	DRV SSD 15.36TB NVMe U.3 DS	P26421-001
	15.36TB SSD - NVMe x 4, 2.5-in S FF, RI SCN, DS firmware	P10656-001
	SSD Micro Form Factor (uFF) M.2	
	120GB SATA SSD - 6 Gb/s interfac e, RI, M.2 form factor (2280), VE, s upports Power Loss Prevention (P LP)	831995-001
	DRV SSD 240GB SATA M.2 2280 RI	P27211-001
	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

Item	Description	Spare Part Number
	120GB SATA SSD - 6 Gb/s interface, RI, M.2 form factor (2280), VE, supports PLP - Supports DL/ML Gen9	781565-001
	340GB SATA SSD - Read intensive-2 (RI-2), M.2 type 2280 (80.0 × 22.0 x 3.5 mm) form factor, 6 Gb/s transfer rate, VE, supports PLP - Support DL/ML Gen9	781566-001
	SSD SAS	
	400GB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P09922-001
	400GB SAS SSD - 2.5-in SFF, MU, DS firmware , SC	P06576-001
	400GB Hot-Plug SSD - SAS interface, Mixed Use-3 (MU-3), 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - For use with Gen8 servers and beyond	822784-001
	400GB SAS SSD - 2.5-in SFF, WI, SC, DS firmware	P09947-001
	400GB SFF SAS - WI, DS, SC, SSD	P06600-001
	400GB SAS SSD - 2.5-in SFF, WI, DS firmware ST	P06601-001
	DRV SSD 400GB SFF SAS SC	P22585-001
	480GB Hot-Plug SSD - SAS interface, RI-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - For use with Gen8 servers and beyond	817047-001
	800GB SAS SSD - 3.5-in LFF, MU, DS firmware , Low Profile Converter (LPC)	P06579-001
	800GB SAS SSD - 3.5-in LFF, MU, DS firmware, smart SFF to LFF tray, Smart Carrier Converter (SCC)	P06578-001

Item	Description	Spare Part Number
	800GB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P09923-001
	800GB SAS SSD - 2.5-in SFF, MU, DS firmware , SC	P06577-001
	800GB Hot-Plug SSD - SAS interface, MU-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - For use with Gen8 servers and beyond	822786-001
	800GB SAS SSD - 2.5-in SFF, WI, SC, DS firmware	P09948-001
	800GB SFF SAS WI, DS, SC, SSD	P06602-001
	800GB SAS SSD - 2.5-in SFF, WI, DS firmware ST	P06603-001
	960GB SFF SAS RI DS SC SSD	P06596-001
	DRV SSD 800GB SFF SAS SC	P22586-001
	800GB SAS Solid State Drive - 2.5-in Small Form Factor, Mixed Use, Smart Carrier	P20838-001
	960GB Hot-Plug SSD - SAS interface, RI-3, 12 Gb/s transfer rate, 2.5-in SFF,SC, supports PLP - Gen8 servers and beyond only	817049-001
	960GB SFF SAS, RI, SC, VS, DS, SSD	P10637-001
	960GB SFF SAS, MU, SC, VS, DS, SSD	P10604-001
	960GB LFF SAS, MU, SCC, VS, DS SSD	P10605-001
	960GB SAS Solid State Drive - Small Form Factor, Read Intensive, Smart Carrier	P20833-001
	960GB LFF SAS, LPC, VS, DS, SSD	P10606-001
	1.6TB SAS SSD - 3.5-in LFF, MU, DS firmware , LPC	P06581-001

Item	Description	Spare Part Number
	1.6TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P09924-001
	1.6TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P06580-001
	1.6TB Hot-Plug SSD - SAS interface, MU-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - Gen8 servers and beyond only	822788-001
	1.6TB SAS SSD - 2.5-in SFF, WI, SC, DS firmware	P09949-001
	1.6TB SAS SSD - 2.5-in SFF, SC, WI, DS firmware	P06604-001
	DRV SSD 1.6TB SFF SAS SC	P22587-001
	1.6TB SAS Solid State Drive - 2.5-in Small Form Factor, Mixed Use, Smart Carrier	P20839-001
	1.92TB SFF SAS, RI, DS, SC, SSD	P06597-001
	1.92TB Hot-Plug SSD - SAS interface, RI-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - Gen8 and beyond only	817051-001
	1.92TB SFF SAS RI, SC, VS, DS SSD	P10638-001
	1.92TB LFF SAS MU, SC, VS, DS, SSD	P10607-001
	1.92TB LFF SAS MU, SCC, VS, DS, SSD	P10608-001
	1.92TB LFF SAS MU, LPC, VS, DS, SSD	P10609-001
	3.2TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P09925-001
	3.2TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P06582-001

Item	Description	Spare Part Number
	3.2TB Hot-Plug SSD - SAS interface, MU-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - For use with Gen8 servers and beyond	822790-001
	3.2TB SFF SAS WI, DS, SC, SSD	P06605-001
	3.2TB SAS Solid State Drive - 2.5-in Small Form Factor, MU, Smart Carrier	P20840-001
	3.84TB SFF SAS RI, DS, SC, SSD	P06598-001
	3.84TB Hot-Plug SSD - SAS interface, RI-3, 12 Gb/s transfer rate, 2.5-in SFF, SC, supports PLP - Gen8 and beyond only	817053-001
	1.92TB SAS Solid State Drive - 2.5-in Small Form Factor, Read Intensive, Smart Carrier	P20834-001
	3.84TB SFF SAS RI, SC, VS, DS, SSD	P10639-001
	3.84TB SFF SAS MU, SC, VS, DS SSD	P10610-001
	3.84TB LFF SAS MU, LPC, VS, DS SSD	P10611-001
	3.84TB SAS Solid State Drive - 2.5-in Small Form Factor, Read Intensive, Smart Carrier	P20835-001
	6.4TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P09926-001
	6.4TB SAS Solid State Drive - 2.5-in Small Form Factor, MU, Smart Carrier	P20841-001
	6.4TB SAS SSD - 2.5-in SFF, MU, SC, DS firmware	P06583-001
	DRV SSD 30.72TB SFF SAS SC	P22580-001
	15.3TB SAS Solid State Drive (SSD) - 2.5-in Small Form Factor (SFF), Read Intensive (RI), Smart Carrier (SC)	P20837-001

Item	Description	Spare Part Number
	7.68TB SAS Solid State Drive - 2.5 -in Small Form Factor, Read Intensi ve, Smart Carrier	P20836-001
	7.68TB SFF SAS RI, DS, SC, SSD	P06599-001
	7.68TB SFF SAS RI, SC, VS, DS SS D	P10640-001
	SSD SATA	
	150GB Hot-Plug SSD - SATA inter face, RI, 6 Gb/s transfer rate, 2.5-in SFF, SC,DS firmware	869575-001
	200GB Hot-Plug SSD - SATA inter face, WI-2, 6 Gb/s transfer rate, 2.5 -in SFF, SC, PLP - For use with Gen 8 servers and beyond	805385-001
	200GB Hot-Plug SSD - SATA inter face, WI-2, 6 Gb/s transfer rate, 3.5 -in LFF, SCC, PLP - For use with Ge n8 servers and beyond	805386-001
	240GB SATA SSD - 2.5-in SFF, RI, RW, DS firmware	P09844-001
	240GB SFF SATA RI, SC, DS, SSD	P08565-001
	240GB SATA SSD - 6 Gb/s transfer rate, RI, 2.5-in SFF, SC, DS firmwar e	868924-001
	240GB SSD - SATA interface, 6 G b/s transfer rate, 2.5-in SFF, RISC, DS firmware	869576-001
	DRV SSD 240GB SATA SFF RI SC	P21080-001
	240GB SATA Solid State Drive - 2. 5-in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18481-001
	400GB SSD - SATA interface, 6 G b/s interface, 2.5-in SFF, WI-3, SC, DS firmware	872512-001

Item	Description	Spare Part Number
	400GB SSD - SATA interface, 6 Gb/s interface, 2.5-in SFF, WI-3, SCC, SFF to LFF tray DS firmware	872513-001
	400GB Hot-Plug SSD - SATA interface, WI-2, 6 Gb/s transfer rate, 2.5-in SFF, SC, PLP - For use with Gen 8 servers and beyond	805387-001
	400GB Hot-Plug SSD - SATA interface, WI-2, 6 Gb/s transfer rate, 3.5-in LFF, SCC, PLP - For use with Gen8 servers and beyond	805388-001
	480GB SATA SSD - 3.5-in LFF, RI, DS firmware , smart SFF to LFF tray, SCC	P09845-001
	480GB SATA SSD - 6 Gb/s transfer rate, RI, 2.5-in SFF, SC, DS firmware	868926-001
	480GB Hot-Plug SSD - SATA interface, MU-3, 6 Gb/s transfer rate, 2.5-in SFF, PLP, SC, DS firmware	872518-001
	480GB Hot-Plug SSD - SATA interface, MU, 6 Gb/s transfer rate, 3.5-in LFF, PLP, SCC, DS firmware	872519-001
	480GB SSD - SATA interface, 6 Gb/s transfer rate, 2.5-in SFF, RI, SC, DS firmware	869577-001
	480GB SSD - SATA interface, 6 Gb/s data rate, 2.5-in SFF, RI, SCC, SFF to LFF, DS firmware	869578-001
	480GB SATA SSD - 2.5-in SFF, MU, SC, DS firmware	P09907-001
	480GB SATA SSD - 2.5-in SFF, MU, RW, DS firmware	P09908-001
	480GB SFF SATA MU, SC, DS, SSD	P08620-001

Item	Description	Spare Part Number
	480GB SATA Solid State Drive - 2.5-in Small Form Factor, Read Intensive, Smart Carrier	P21081-001
	Drive SSD 480GB SATA SFF MU SC	P21088-001
	480GB SATA SSD, SFF, RI, SC, DS firmware	P08567-001
	800GB SSD - SATA interface, 6 Gb/s interface, 2.5-in SFF, WI-3, SC, DS firmware	872514-001
	800GB SSD - SATA interface, 6 Gb/s interface, 2.5-in SFF, WI-3, SCC, SFF to LFF, DS firmware	872515-001
	800GB Hot-Plug SSD - SATA interface, WI-2, 6 Gb/s transfer rate, 2.5-in SFF, SC, PLP - For use with Gen8 servers and beyond	805389-001
	800GB Hot-Plug SSD - SATA interface, WI-2, 6 Gb/s transfer rate, 3.5-in LFF, SCC, PLP - For use with Gen8 servers and beyond	805390-001
	960GB SATA SSD - 2.5-in SFF, MU, SC, DS firmware	P09909-001
	960GB SATA SSD - 3.5-in LFF, RI, smart LFF to SFF tray, SCC, DS firmware	P09846-001
	480GB SATA Solid State Drive - 2.5-in Small Form Factor (SFF) Smart 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 SATA Solid State Drive - 3.5-in Large Form Factor, Read Intensive, Low Profile Converter	P21086-001
	960GB SATA SSD - 3.5-in LFF, RI, LPC, DS firmware	P09847-001

Item	Description	Spare Part Number
	960GB SATA SSD - 3.5-in LFF, MU, smart LFF to SFF tray (SCC), DS fir mware	P09910-001
	480GB SATA Solid state Drive - 3. 5-in Large Form Factor, Mixed Use, Smart Carrier Converter	P21092-001
	960GB SATA SSD - 2.5-in SFF, MU, RW, DS firmware	P09911-001
	960GB SFF SATA MU, SC, DS, SSD	P08622-001
	960GB SFF SATA RI, SC, DS, SSD	P08569-001
	960GB SATA SSD - SATA interface, RI, 2.5-in SFF, SC, DS firmware	868928-001
	960GB SSD - SATA interface, 6 G b/s transfer rate, 2.5-in SFF, RI, DS f irmware, SC	869580-001
	960GB Hot-Plug SSD - SATA inter face, MU-3, 6 Gb/s transfer rate, 2. 5-in SFF, SC, DS firmware	872520-001
	960GB SATA Solid State Drive - 2. 5-in small form factor (SFF) Smart Carrier (SC), Read Intensive (RI)	P18483-001
	960GB SATA Solid State Drive - 2. 5-in small form factor (SFF) Smart Carrier (SC), Mixed Use (MU)	P18478-001
	960GB Hot-Plug SSD - SATA inter face, MU-3, 6 Gb/s transfer rate, 3. 5-in LFF, SCC, DS firmware	872521-001
	Drive SSD 960GB SATA LFF MU L Pc	P21093-001
	960GB SATA SFF RI SC SSD drive	P21082-001
	DRV SSD 960GB SATA SFF MU SC	P21089-001
	1.2TB Hot-Plug SSD - SATA inter face, WI-2, 6 Gb/s transfer rate, 2.5 -in SFF, SC, PLP - For use with Gen 8 servers and beyond	805391-001
	1.2TB Hot-Plug SSD - SATA inter face, WI-2, 6 Gb/s transfer rate, 3.5	805392-001

Item	Description	Spare Part Number
	-in LFF, SCC, PLP - For use with Gen8 servers and beyond	
	1.6TB SSD - SATA interface, 6 Gb/s interface, 2.5-in SFF, WI-3, SC, DS firmware	872516-001
	1.6TB SSD - SATA interface, 6 Gb/s interface, 2.5-in SFF, WI-3, SCC, SFF to LFF, DS firmware	872517-001
	1.6TB SSD - SATA interface, 6 Gb/s transfer rate, 2.5-in SFF, RI DS firmware, SC	869581-001
	1.6TB SSD - SATA interface, 6 Gb/s transfer rate, 2.5-in SFF, RI DS firmware, smart SFF to LFF tray, SCC	869582-001
	1.92TB SATA SSD - 2.5-in SFF, MU, SC, DS firmware	P09912-001
	1.92TB SATA SSD - 3.5-in LFF, MU, smart SFF to LFF tray, SCC, DS firmware	P09913-001
	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
	1.92TB SATA SSD - 3.5-in LFF, LPC, MU, DS firmware	P09914-001
	1.92TB SATA SSD - 3.5-in LFF, RI, smart LFF to SFF tray, SCC, DS firmware	P09848-001
	1.92TB SATA SSD - 2.5-in SFF, RI, RW, DS firmware	P09849-001
	1.92TB SATA SSD - 2.5-in SFF, MU, RW, DS firmware	P09915-001

Item	Description	Spare Part Number
	1.92TB SFF SATA MU, SC, DS, SSD	P08625-001
	1.92TB SFF SATA RI, SC, DS, SSD	P08572-001
	1.9TB SATA SSD - SATA interface, RI, 2.5-in SFF,SC, DS firmware	868930-001
	HPE 1.92TB SATA MU SFF SC MV SSD	P18479-001
	1.92TB SSD - SATA interface, 6 G b/s transfer rate, 2.5-in SFF, MU-3, SC, DS firmware	872522-001
	1.92TB SATA LFF RI LPc SSD dri ve	P21087-001
	3.84TB SATA SSD - SATA interface , RI, 2.5-in SFF, SC, DS firmware	868932-001
	1.92TB SATA Solid State Drive - 3. 5-in Large Form Factor, Mixed Use, Low Profile Converter	P21095-001
	1.92TB SATA Solid state Drive - 3. 5-in Large Form Factor, Mixed Use, Smart Carrier Converter	P21094-001
	3.84TB SATA SSD - 2.5-in SFF, RI, RW, DS firmware	P09850-001
	3.84TB Solid State Drive (SSD) - 2 .5-in small form factor (SFF), Smar t 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 Carri er	P22588-001
	Drive SSD 3.84TB SATA SFF MU S C	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

Item	Description	Spare Part Number
	3.84TB SFF SATA MU, SC, DS, SSD	P08632-001
	3.84TB SFF SATA RI, SC, DS, SSD	P08575-001
2	**Fan**	
	Standard fan module	875075-001
	High performance fan module	875076-001
3	**Backplane board**	
	8-SFF SAS Backplane 12GBs/ interface speed	878543-001
	8-SFF Premium hard drive backplane	874933-001
	Backplane board - 2-SFF SAS rear backplane	875064-001
	SAS/SATA Backplane board - For the front 2-bay SFF hard drive cage - Up to 12 Gb/s transfer speed - Optional board for configurations requiring more than eight hard drives and no optical drive - Mounts on the rear of the drive cage	775401-001
	2-SFF PCIe NVMe Interface backplane	875080-001
	3-LFF SAS Rear backplane	875081-001
	SAS Backplane 4-LFF	875082-001
	8-SFF, NVMe Backplane	872971-001
4	**Chassis intrusion detection switch**	
	Chassis intrusion detection switch	878412-001
5	**Rear serial port interface**	
	Serial port cable 2 x 5p/9p	875571-001
6	**Accelerator and Graphics Processing Unit (GPU) options**	

Item	Description	Spare Part Number
	NVIDIA Quadro P4000 GPU module - 5.3 TFLOPS, GPU memory 8GB GDDR5, memory bandwidth 243 GB/s, PCIe 3.0 x16	871970-001
	NVIDIA Quadro P2000 GPU module - 3.0 TFLOPS, GPU memory 5GB GDDR5, memory bandwidth 140 GB/s, PCIe 3.0 x16	871969-001
	HPE NVIDIA Quadro P2200 Graphics Accelerator	P16021-001
	Quadro P6000 3840 NVIDIA CUDA parallel processing cores, 24GB Graphics Double Data Rate 5X (GDDR5X) memory, 432 GB/s, Error-correcting code (ECC) memory, DP (x4) with High Dynamic Range (HDR) support, DL-DVI(I),3-pin mini-DIN connector, Scalable Link Interface (SLI) connector, one 8-pin auxiliary power connector	871968-001
	NVIDIA Tesla M10 quad GPU	870046-001
	NVIDIA Tesla P4 8GB nodule - 2560 CUDA cores, NVIDIA GPU boost,8GB of GDDR5 memory, NVIDIA Parallel DataCache	872321-001
	NVIDIA Tesla P40 24GB module - 12 TFLOPS, GPU memory 24GB GDDR5, memory bandwidth 364 GB/s	872323-001
	NVIDIA Tesla P100 12GB computational accelerator module - 9.3 TFLOPS single-precision, NVIDIA CUDA cores 3584, PCIe full height/length	877646-001
	HPE NVIDIA Tesla T4 16GB	P09571-001
	PCA,NVIDIA Tesla V100S PCIe 32GB Mod	P24827-001
	NVIDIA Tesla V100 16 GB module	876908-001

Item	Description	Spare Part Number
	Nvidia Quadro RTX6000 24GB module	P11377-001
	PCA, Xilinx Alveo U50 Accelerator	P24826-001
	PCA, Xilinx Alveo U250 Accelerator	P24825-001
	NVIDIA Tesla P100 PCIe 16GB computational accelerator	868585-001
	Accelerator arria 10 FPGA	P02425-001
7	**12Gb SAS Expander card**	
	12Gb PCIe SAS Expander - 28-physical links across 9 x 4 internal ports, 12 Gb/s SAS, 6 Gb/s SATA, PCIe 3.0 x 8 link	876907-001
8	**Energy pack spare parts**	
	HPE Smart storage hybrid capacitor	
	HPE Smart storage hybrid capacitor with 145 mm cable	P07473-001
	HPE Smart storage battery	
	96 W Smart storage battery - One battery pack provides 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
9	**Power module**	
	Power module without System Insight Display (SID)	875077-001
	Power system SID module with label	875063-001
	Power/optical drive module LFF	875079-001
10	**LFF I/O UID**	
	I/O UID LFF Module	875088-001

Item	Description	Spare Part Number
	HPE Trusted Platform Module 2.0	
	Trusted Platform Module (TPM) - Compatible with HPE Gen10 servers running Microsoft Windows Server 2012 R2 or newer, supports TPM 1.2 (UEFI and Legacy mode) and 2.0 (UEFI Mode)	872159-001
	Cables	
	Mini-SAS cable kit - For the front or rear 2-bay SFF hard drive cage - Includes a mini-SAS to mini-SAS cable and a mini-SAS to SATA cable	784625-001
	Mini SAS to mini SAS HD,12G cable kit	P03215-001
	Mini-SAS cable assembly kit (Includes two mini-SAS cables) - For connecting the 8-bay SFF hard drive cage to the drive controller board	784621-001
	Mini SAS cable SFF kit	875089-001
	Mini SAS LFF cable kit	875090-001
	4P slim SAS NVMe primary riser cable, box 3 cable kit	875091-001
	Slim SAS NVMe direct attach cables kit	875092-001
	Array on Chip (AROC) to shiner 36p port 1+2 cable kit	875093-001
	Mini-SAS cable kit (Includes 6 cables) - For connecting between the 8-bay and 2-bay SFF hard drive cages and the H240 HBA or the P440ar controller board	784629-001
	Mini SAS shiner cable kit	875094-001
	Data cable kit	875095-001

Item	Description	Spare Part Number
	SATA Optical drive cable, 780 mm (30.7 in) long - Connects between the optical drive and the system I /O board	784623-001
	Power cable kit	875096-001
	28 AWG, 3-pin, Peripheral Component Interconnect (PCI) to controller, standard power cable	878645-001
	28 AWG, 3-pin, PCI to controller, LG power cable	878646-001
	GPU Cables kit	875097-001

NOTE:

Item 10 not shown in the image

OS Compatibility

Feature	Description
Operating Systems (OS) and virtualization software support for ProLiant DX servers	• ◦ Nutanix Acropolis Operating System (AOS): Version 5.10.5 and higher - ◦ R6T15A, Nutanix AOS LTS FIO SW for HPE ◦ R6T15B, Nutanix AOS STS FIO SW for HPE • Nutanix Acropolis Hypervisor (AHV): Version 20 17030.279 and higher • VMware vSphere: Version 6.5 U2, 6.5 U3, 6.7 U3

Software Compatibility

- Active Health System (AHS)
- AHS Viewer
- Smart update
- iLO Amplifier pack
- HPE iLO Mobile application
- RESTful Interface tool (iLOREST)
- Scripting tools
- HPE OneView standard
- HPE Systems Insight Manager (HPE SIM)

Useful Links

Descriptions	Direct Links
Alerts	**Click here to view "Alerts, Security Bulletin, Advisory, Notice and other documents of HPE ProLiant DX380 Gen10 server".**
Drivers and Softwares	**Click here to view "Drivers and Softwares, Firmware, Driver, BIOS, Application, Utility, Operating System, Software document of HPE ProLiant DX380 Gen10 server".**
Knowledge Articles	**Click here to view "Knowledge Articles, Troubleshooting, FAQ, How To, Informational document of HPE ProLiant DX380 Gen10 server".**
Manuals	**Click here to view "Manuals, Guides, Release Notes, Troubleshooting articles and other related document of HPE ProLiant DX380 Gen10 server".**
Videos	**Click here to access "Videos of Remove/Replace, Setup/Installation, Troubleshooting, Managemen**

Descriptions	Direct Links
	t/Operations of HPE ProLiant DX380 Gen10 server".