Have feedback on QuickSpecs? We're listening

HPE Superdome Flex Solutions for SAP HANA

QuickSpecs

HPE Superdome Flex Solutions for SAP HANA offer industry-leading performance and modular scalability, mission-critical reliability, and optimum cost-efficiency.

Designed with memory-driven computing principles to uniquely handle the scale, performance and reliability demands of SAP S/4HANA®, HPE Superdome Flex Solutions for SAP HANA enable enterprises of any size to analyze and process massive amounts of data at the digital core in real time. Design, deployment, migration, and lifecycle services from HPE Services will help you to fully modernize your SAP application environment and transition smoothly to SAP HANA.

Overview

Key features and benefits

HPE Superdome Flex Solutions for SAP HANA offer:

- **Choice and Flexibility:**
  - HPE Superdome Flex Solutions for SAP HANA are built with a modular and standards based architecture, with thousands of configuration choices and easy upgradability, offering flexible and simple deployment options for your SAP HANA use cases.
  - Choice of deployment and consumption models lets you optimize your SAP HANA landscapes and investment to realize increased ROI, without compromising on flexibility, performance or scalability.
- **Modular Scalability**
  - HPE Superdome Flex Solutions for SAP HANA lets you start small and grow with the demands of your business, with a modular, 4 socket architecture that grows seamlessly up to 32 sockets.
  - Optimized for in-memory use cases, and architected for delivering the highest performance at scale, certified up to 24 TB of memory in a scale-up configuration for the most demanding SAP HANA use cases.
  - Reduce over-provisioning and increase ROI with a solution that lets you start small, and effortlessly scale as your needs change.
- **Optimum Reliability**
  - HPE Superdome Flex Solutions for SAP HANA provides increased uptime and reliability, backed by decades of expertise on SAP deployments, and cutting-edge innovation.
  - Reduces errors with best-in-class predictive fault handling Error Analysis Engine, which predicts hardware faults and initiates self-repair without operator assistance, and contains errors at the firmware level with the HPE Firmware First approach.
  - Delivers robust business continuity for SAP HANA workloads, with optional HPE Serviceguard software, a fully automated and unattended high availability (HA) and disaster tolerance (DT) solution for SAP HANA.

For more information about HPE Solutions for SAP HANA, see: http://www.hpe.com/info/sap/hana

For information about the HPE Superdome Flex server, see:
https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00026242enw

For information about HPE Services, see: http://www.hpe.com/services/sap

Standard Features

SAP Certified Configurations

HPE Superdome Flex Solutions for SAP HANA are available in a variety of configuration choices for all your SAP HANA use cases and workloads.

SAP certified Scale-up configurations for SAP HANA use cases

Ideal for SAP Business Suite on HANA (SoH) or S/4HANA use cases, the HPE Superdome Flex Solutions for SAP HANA are certified with up to 24TB of memory in a Scale-up configuration. Configurations range from 4 CPUs with 3TB of memory, to 32 CPUs and 24TB of memory.

SAP certified Scale-out configurations for SAP HANA use cases

Ideal for Business Warehousing on HANA (BWoH) or B/4HANA use cases, the HPE Superdome Flex Solutions for SAP HANA are certified with up to 288TB of total memory in a scale-out system. Scale-out node sizes range from 4 CPUs with 3TB of memory per node, to 32 CPUs with 24TB of memory per node.

For more information, refer to the SAP HANA Certified Hardware Directory at: SAP HANA Certified Hardware Directory

HPE Superdome Flex Solutions for SAP HANA can be deployed as certified appliances or as SAP Tailored Datacenter Integration (TDI) compute blocks.

SAP HANA Certified Appliance Configuration Details

Scale-up Appliance configurations

For Scale-up Appliance configurations, two choices are available:

- **Scale-up configurations with Direct Attached Storage:**
  Ideal for use cases with up to 12TB of memory and up to 12 CPUs in a single system.
- **Scale-up configurations with All Flash Storage:**
  For the most demanding and highly scalable scale-up use cases, with up to 32 CPUs and 24TB of memory in a single system, configurations with a choice of HPE Primera all-flash storage, or HPE Nimble hybrid storage are available.
- **Scale-out configurations with All Flash Storage:**
  Scale-out appliance configurations are available with HPE Primera all-flash storage in 8 CPU to 32 CPU configurations for S/4HANA scale-out use cases, and from 4 CPU to 32 CPU configurations for BWoH or B/4HANA use cases.

Scale-up Configurations with Direct Attached Storage

Compute

- **HPE Superdome Flex Server**
  HPE Superdome Flex is the mission-critical platform flexible and powerful enough to handle the massive and growing amount of data moving through your business. Its in-memory design and unparalleled scale give you the ability to analyze data from the digital core to the intelligent edge in real time, keeping you a step ahead. And because the infrastructure is modular and cloud-ready, it's the right fit for any business of any size.

For more information, refer to the HPE Superdome Flex QuickSpecs:
https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=a00026242enw

Standard Features

Storage

- **HPE D3710 Storage Enclosure**
  The Small Form Factor (SFF) HPE D3710 Disk Enclosure with 25 drive bays offers modular solutions to simplify capacity expansion of HPE server environments.

For more information, refer to the HPE D3710 Storage Enclosure QuickSpecs:
https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=c04227611

Scale-up and Scale-out Configurations with All Flash Storage

Compute

- **HPE Superdome Flex Server**
  HPE Superdome Flex is the mission-critical platform flexible and powerful enough to handle the massive and growing amount of data moving through your business. Its in-memory design and unparalleled scale give you the ability to analyze data from the digital core to the intelligent edge in real time, keeping you a step ahead. And because the infrastructure is modular and cloud-ready, it's the right fit for any business of any size.

For more information, refer to the HPE Superdome Flex QuickSpecs:
https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=a00026242enw

Storage

- **HPE Primera 600 Storage**
  HPE Primera is a Tier-0 enterprise storage solution that delivers the extreme resiliency and performance of high-end storage with the agility of the cloud. Built upon proven resiliency and powered by the intelligence of HPE InfoSight, HPE Primera delivers instant access to data with storage that sets up in minutes, upgrades transparently, and is backed by a 100% data availability guarantee.

For more information, refer to the HPE Primera 600 Storage QuickSpecs:
https://h20195.www2.hpe.com/v2/GetDocument.aspx?docname=a00067738enw

Management Server

- **Management Server - HPE ProLiant DL360 Gen10 Server**
  The HPE ProLiant DL360 Gen10 is redefining dense compute by delivering security, agility and unmatched expandability businesses want all packed in a dense 1U rack design, and is based on the latest Intel® Xeon® Scalable Processor architecture.

For more information, refer to the HPE ProLiant DL360 Gen10 Server QuickSpecs:
https://www.hpe.com/h20195/V2/Getdocument.aspx?docname=a00008159enw

Networking Switches

- **HPE StoreFabric SN6600B 32Gb 48/24 Fibre Channel Switch**
  HPE StoreFabric SN6600B 32Gb 48/24 Fibre Channel Switch provides a high-density building block for increased scalability, designed to support growth, demanding workloads, and data center consolidation in small to large-scale enterprise infrastructures. The HPE StoreFabric SN6600B 32Gb 48/24 Fibre Channel Switches provide high speed connectivity between the SAP HANA servers and the shared storage.

For more information, refer to the HPE StoreFabric SN6600B Fibre Channel Switch QuickSpecs:
https://www.hpe.com/h20195/V2/Getdocument.aspx?docname=c05269707

Standard Features

- **HPE Aruba Networking CX 8325-48Y8C Back-to-Front switch**
  The HPE Aruba Networking CX 8325 Switch Series offers a flexible and innovative approach to addressing the application, security, and scalability demands of the mobile, cloud and IoT era. These switches serve the needs of the next generation core and aggregation layer, as well as emerging data center requirements at the Top of Rack (ToR) and End of Row (EoR).
  Available for scale-up or scale-out configurations using HPE Primera 600 persistent storage.

For more information, refer to the HPE Aruba Networking CX 8325-48Y8C Back-to-Front data sheet here::
https://www.hpe.com/psnow/doc/a00059009enw

- **HPE Aruba Networking CX 6300M 48-port switch**
  The HPE Aruba Networking CX 6300 Switch Series is a modern, flexible and intelligent family of stackable switches ideal for enterprise network access, aggregation, core and data center top of rack (ToR) deployments. Created for game-changing operational efficiency with built-in security and resiliency, the 6300 switches provide the foundation for high-performance networks supporting IoT, mobile and cloud applications.
  Available for scale-up or scale-out configurations using HPE Primera 600 persistent storage.

For more information, refer to the HPE Aruba Networking CX 6300M 48-port switch data sheet here::
HPE Aruba Networking CX 6300 Switch Series

TDI Compute Blocks for Scale-up or Scale-out use cases

Compute

- **HPE Superdome Flex Server**
  HPE Superdome Flex is the mission-critical platform flexible and powerful enough to handle the massive and growing amount of data moving through your business. Its in-memory design and unparalleled scale give you the ability to analyze data from the digital core to the intelligent edge in real time, keeping you a step ahead. And because the infrastructure is modular and cloud-ready, it's the right fit for any business of any size.

For more information, refer to the HPE Superdome Flex QuickSpecs:
https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=a00026242enw

HPE Services - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with HPE Services. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Services Advisory Services, focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our Professional and Operational Services can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Services specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

GreenLake Management Services provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Installation, Integration and Deployment Services for SAP HANA

HPE provides a continuum of HPE services for the HPE Solutions for SAP HANA from basic hardware installation to a full turnkey deployment experience. These services address your needs at every step in your SAP HANA solution journey:

- **HPE Installation Service and HPE Installation and Startup Service**. Choose HPE Installation Service for onsite installation of your new system or HPE Installation and Startup Service for the installation of your new server and operating system. This service will assist in bringing your new HPE server and operating system into operation in a timely and professional manner. This service provides a trained HPE service specialist to perform an installation that meets HPE quality standards. The service highlights include: planning, deployment on site, installation verification tests, and customer orientation session.

  For more information visit: https://www.hpe.com/services

- **HPE Factory Express Integration Service for SAP HANA** HPE Factory Express Integration Service for SAP HANA reduces disruption to your data center and implementation time and cost with factory build and integration services for your HPE solution for SAP HANA to your specifications. An HPE project manager assists in coordination of HPE Installation Services, oversee end-to-end planning, building, testing, cabling, and installation of all software, as well as validation of all FW/SW versions. HPE Installation Service is required with this service. For more information visit: https://www.hpe.com/info/factoryexpress

Service and Support

– **HPE Rapid Deployment Services for SAP HANA**. HPE Rapid Deployment Services for SAP HANA simplify the process of implementing and configuring your HPE Infrastructure for SAP HANA, and accelerates time to value for your HANA environment. HPE consultants use proven processes to integrate the HPE Infrastructure for SAP HANA into your environment. This service encompasses planning and review, deployment, and testing activities. HPE Factory Express Integration Service for SAP HANA and HPE Installation Service are required with this service. For more information, visit: https://www.hpe.com/services/consulting

HPE Services Operational Services for SAP HANA

HPE offers a range of operational services to meet your business needs. For a complete solution experience, enhance your standard HPE Operational Service selection with the HPE COE Service for SAP HANA. The HPE COE Service for SAP HANA is available on select HPE Predefined Configurations.

– **HPE COE Service for SAP HANA**. The HPE COE Service for SAP HANA provides a proven approach to simplify maintenance and operations of your SAP HANA environment. This innovative end-to-end lifecycle management approach includes access to HPE's SAP HANA Center of Excellence (COE), Solution Lifecycle Planning Services and the Lifecycle Services Suite. To address the complexities of versioning and infrastructure interoperability, the periodic Solution Lifecycle Planning Service evaluates your unique operational and business needs and provides a plan of recommended updates and actions for specific lifecycle services. The Lifecycle Services Suite allows you to choose from an expanding catalog of lifecycle versioning services that are specifically designed and tested to minimize downtime and disruptions. Select either HPE Tech Care or HPE Complete Care to complement the HPE COE Service for SAP HANA.

– **HPE Tech Care Service.** HPE Tech Care Service is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2 hour response time. Essential which provides a 15 minute response time 24x7 for most enterprise level customers, and Critical which includes a 6 hour repair commitment where available and outage management response for severity 1 incidents.

  https://www.hpe.com/services/techcare

– **HPE Complete Care Service.** HPE Complete Care Service is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

  - A complete coverage approach -- edge to cloud
  - An assigned HPE team
  - Modular and fully personalized engagement
  - Enhanced Incident Management experience with priority access
  - Digitally enabled and AI driven customer experience

  https://www.hpe.com/services/completecare

Warranty Services

Hewlett Packard Enterprise branded hardware and options qualified for the HPE Superdome Flex Server are covered by a global limited warranty and supported by HPE Services and a worldwide network of HPE Authorized Channel Partners. The HPE branded hardware and options diagnostic support and repair is available for three years from date of purchase, or the warranty length of the server they are attached to, whichever is greater. Additional support may be covered under the warranty or available through additional support packages. Enhancements to warranty services are available through HPE Services operational services or customized service agreements.

Additional information regarding worldwide limited warranty and technical support is available at:
https://support.hpe.com/hpsc/doc/public/display?docId=c01865770

Notes:

- Warranty varies by component. Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:
  https://support.hpe.com/hpesc/public/home
- SSD Drives have a maximum usage limit. This is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for warranty coverage. The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. It does not apply Disk or SSD/Flash Drives that have not failed. SSD/Flash Drives that are specified by Hewlett Packard Enterprise as consumable parts and/or that have reached maximum supported lifetime and/or the maximum usage limits as set forth in the manufacturer's operating manual, the product QuickSpecs, or the technical data sheet are not eligible for the defective media retention service feature option. Additional information is available at:
  https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=c04154378

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

HPE Financial Services

To support customers' transition, HPE Financial Services (HPFS) can help in a way that you may not have considered. HPFS can help you invest in your business while preserving precious capital.

For more information please visit: http://www.hpe.com/hpefinancialservices for links to HPE Financial Services around the world.

Configuration Information

Step 1: Select your HPE Superdome Flex Solutions for SAP HANA Configuration

Scale-up Appliance Configurations with Hybrid Storage

Ordering Scale-up configurations with Direct Attached Storage

- For 4 CPU configurations, order one Base Chassis
- For 8 CPU configurations, order one Base Chassis, and one Expansion Chassis with the HPE Superdome Flex 8-socket Interconnect and Scale Activation Kit.
- For 12 CPU configurations, order one Base Chassis, and two Expansion Chassis with the HPE Superdome Flex 12-socket Interconnect and Scale Activation Kit.

Processors

- A choice of processors based on the Intel® Xeon® Scalable Platform architecture is available. 4 CPUs are required per Base or Expansion chassis.
- For production use cases, when deployed as an appliance, only the Intel® Xeon® Platinum 8x76, 8x76M, 8x76L, 8x80, 8x80M or 8x80L CPUs are allowed. When deployed as SAP Tailored Datacenter Integration (TDI) compute blocks, any Intel Xeon Platinum or Gold CPU with 8 cores or more can be used for production use cases up to 16 sockets in a scale-up configuration.

Memory

- A choice of 64GB and 128GB DIMMs is available for a total memory capacity up to 12TB with 8 CPUs, and up to 9TB of memory with 12 CPUs Configurations with a combination of DRAM and HPE Persistent Memory featuring Intel® Optane™ DC Persistent Memory are also available.

Persistent Storage

- For the persistent storage, an HPE D3710 Storage Enclosure is added

Dual Purpose Storage

- Additional storage can be added in a dual purpose configuration in high availability and disaster tolerance scenarios, allowing for dual role of a secondary scale-out instance as both a failover target, or as a secondary test or development instance.

Scale-up or Scale-out Appliance Configurations with All Flash Storage

Ordering Scale-up or Scale-out configurations with All Flash Storage

- For 4 CPU configurations, order one Base Chassis
- For 8 CPU configurations, order one Base Chassis and one Expansion Chassis, with the HPE Superdome Flex 8-socket Interconnect and Scale Activation Kit
- For 12 CPU configurations, order one Base Chassis, and two Expansion Chassis, with the HPE Superdome Flex 12-socket Interconnect and Scale Activation Kit
- For 16 CPU configurations, order one Base Chassis, and three Expansion Chassis, with the HPE Superdome Flex 16-socket Interconnect and Scale Activation Kit
- For 20 CPU configurations, order one Base Chassis, and four Expansion Chassis, with the HPE Superdome Flex 20-socket Interconnect and Scale Activation Kit

Configuration Information

- For 24 CPU configurations, order one Base Chassis, and five Expansion Chassis, with the HPE Superdome Flex 24-socket Interconnect and Scale Activation Kit
- For 28 CPU configurations, order one Base Chassis, and six Expansion Chassis, with the HPE Superdome Flex 28-socket Interconnect and Scale Activation Kit
- For 32 CPU configurations, order one Base Chassis, and seven Expansion Chassis, with the HPE Superdome Flex 32-socket Interconnect and Scale Activation Kit

Processors

- A choice of processors based on the Intel® Xeon® Scalable Platform architecture is available. 4 CPUs are required per Base or Expansion chassis
- For both scale-up or scale-out production use cases, when deployed as an appliance, only the Intel® Xeon® Platinum 8x76, 8x76M, 8x76L, 8x80, 8x80M or 8x80L CPUs are allowed. For scale-up use cases, when deployed as SAP Tailored Datacenter Integration (TDI) compute blocks, any Intel Xeon Platinum or Gold CPU with 8 cores or more can be used for production use cases for configurations up to 16 CPUs. For scale-out use cases, only the Intel® Xeon® Platinum CPUs can be used

Memory

- Configurations can be ordered with DRAM with up to a total of 24TB of memory in a scale-up system with either 16 or 32 CPUs. A choice of 64GB and 128GB DIMMs is available for a total memory capacity up to 24TB in a 16 CPU configuration using 128GB DIMMs, or up to 24TB in a 32 CPU configuration using 64GB DIMMs
- Configurations with a combination of DRAM and HPE Persistent Memory featuring Intel® Optane™ DC Persistent Memory are available up to 16 CPUs in a scale-up configuration, with a total of 24TB of memory.
- Select the quantity of memory required, based on SAP certified sizes for the Scale-up system

Persistent Storage

- SAP HANA certified HPE Primera 600 all-flash storage

Networking Switches

- Two HPE Aruba Networking CX 8325-48Y8C Back-to-Front switches, two HPE Aruba Networking CX 6300M 48-port switches, and two HPE StoreFabric SN6600B Fibre Channel switches are required

Management Server and Optional Cockpit Server

- For scale-out configurations with the HPE Primera 600 storage, the SAP HANA shared NFS is implemented on a pair of virtualized ProLiant DL360 Gen10 servers. The SAP HANA cockpit server can be installed as a VM

Dual Purpose Storage

- Additional storage can be added in a dual purpose configuration in high availability and disaster tolerance scenarios, allowing for dual role of a secondary scale-out instance as both a failover target, or as a secondary test or development instance

Step 2: Select the Operating System

Operating System

Select the Operating System

A choice of either the SUSE Linux Enterprise Server for SAP Applications Operating System or the Red Hat Enterprise Linux for SAP HANA Operating System is available, both with either a 3 year or a 5 year subscription. For Appliance and TDI configurations, the following Operating System Choices are available:

- Red Hat Enterprise Linux for SAP Solutions for Physical Nodes 3yr Subscription 24x7 Support LTU
- Red Hat Enterprise Linux for SAP Solutions for Physical Nodes 5yr Subscription 24x7 Support LTU
- SUSE Linux Enterprise Server SAP 2 Sockets or 1-2 VM 3yr Subscription 24x7 Support Flexible LTU
- SUSE Linux Enterprise Server SAP 2 Sockets or 1-2 VM 5yr Subscription 24x7 Support Flexible LTU

When deploying SAP HANA in a virtualized environment, additional Operating System choices are available:

- Red Hat Enterprise Linux for SAP Solutions for Virtual DC 3yr Subscription 24x7 Support LTU
- Red Hat Enterprise Linux for SAP Solutions for Virtual DC 5yr Subscription 24x7 Support LTU
- SUSE Linux Enterprise Server SAP 2 Sockets Unlimited VM 3yr Subscription 24x7 Support Flexible LTU
- SUSE Linux Enterprise Server SAP 2 Sockets Unlimited VM 5yr Subscription 24x7 Support Flexible LTU

Notes: The quantity of Operating System Licenses depends on the number of CPUs or sockets on the chassis being ordered. For each 4 socket chassis on the order, select quantity 2 of the Operating System licenses.

Step 3: Choose Services and Support

Select Services

HPE offers various services from basic installation to turnkey deployment for HPE Solutions for SAP HANA.

HPE Installation or HPE Installation and Startup Services

Are available via the standard ordering process to add these services to the product order.

HPE Factory Express Integration Services for SAP HANA

Are available specific to the HPE solution for SAP HANA selected. See Supported Products List for eligibility. HPE Installation Service is mandatory with this service. Factory Express services require customer engagement to provide input on specific customer configuration details via a Customer Intent Document.

HPE Rapid Deployment Services for SAP HANA are available specific to the HPE solution for SAP HANA selected. See Supported Products List for eligibility. HPE Factory Express Integration Service and Installation Service are mandatory with this service.

Select HPE COE Service for SAP HANA

HPE COE Service for SAP HANA is available on select HPE Predefined Configurations for SAP HANA. See Supported Products List for eligibility. HPE Rapid Deployment Service, HPE Factory Express Integration Service and Installation Service are mandatory with this service and provide a complete turnkey deployment experience.

Select HPE Operational Services

A range of choices of operational support levels are available to meet your needs. Select either HPE Tech Care or HPE Complete Care and select the desired duration and reactive support level.

Technical Specifications

For detailed technical specifications, including power consumption, dimensions, weights, etc., refer to the QuickSpecs below:

- **Compute:**
  - HPE Superdome Flex QuickSpecs: https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=a00026242enw
- **Storage:**
  - HPE Primera 600 Storage QuickSpecs https://h20195.www2.hpe.com/v2/GetDocument.aspx?docname=a00067738enw
  - HPE D3710 Storage Enclosure QuickSpecs: https://www.hpe.com/h20195/v2/GetDocument.aspx?docname=c04227611
- **Management Server:**
  - HPE ProLiant DL360 Gen10 Server QuickSpecs: https://www.hpe.com/h20195/V2/Getdocument.aspx?docname=a00008159enw
- **Networking:**
  - HPE Aruba Networking CX 8325-48Y8C Back-to-Front switch datasheet HPE Aruba Networking CX 8325 Switch Series
  - HPE Aruba Networking CX 6300M 48-port switch datasheet HPE Aruba Networking CX 6300 Switch Series
  - HPE StoreFabric SN6600B Fibre Channel Switch QuickSpecs: https://www.hpe.com/h20195/V2/Getdocument.aspx?docname=c05269707

End-of-life management and recycling

Hewlett Packard Enterprise offers end-of-life Hewlett Packard Enterprise product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: http://www.hpe.com/recycle.

To recycle your product, please go to: http://www.hpe.com/recycle or contact your nearest Hewlett Packard Enterprise sales office. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site at: http://www.hpe.com/recycle**.**These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
30-Oct-2026	Version 11	Changed	QuickSpecs maintenance updates have been applied.
02-Feb-2026	Version 10	Changed	HPE Rebranding applied
16-Dec-2024	Version 9	Changed	Standard Features, Configurations information and Technical Specifications sections were updated.
19-Feb-2024	Version 8	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated. HPE Aruba Networking rebranding.
15-Sep-2021	Version 7	Changed	Configuration Information section was updated Service and Support Pointnext Tech Care and Complete Care information added
17-May-2021	Version 6	Changed	Overview, Standard Features, Service and Support, Configuration Information and Technical Specifications sections were updated.
04-Jan-2021	Version 5	Changed	Standard Features, Configurations information and Technical Specifications sections were updated.
10-Aug-2020	Version 4	Changed	Rebranding applied to QuickSpecs.
16-Sep-2019	Version 3	Changed	Overview, Standard Features, Service and Support and Technical Specifications sections were updated.
05-Nov-2018	Version 2	Changed	Overview, Standard Features, and How to Order sections. SKUs added in How to Order section
06-Nov-2017	Version 1	Created	New QuickSpecs.

Copyright

Have feedback on QuickSpecs? We're listening

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