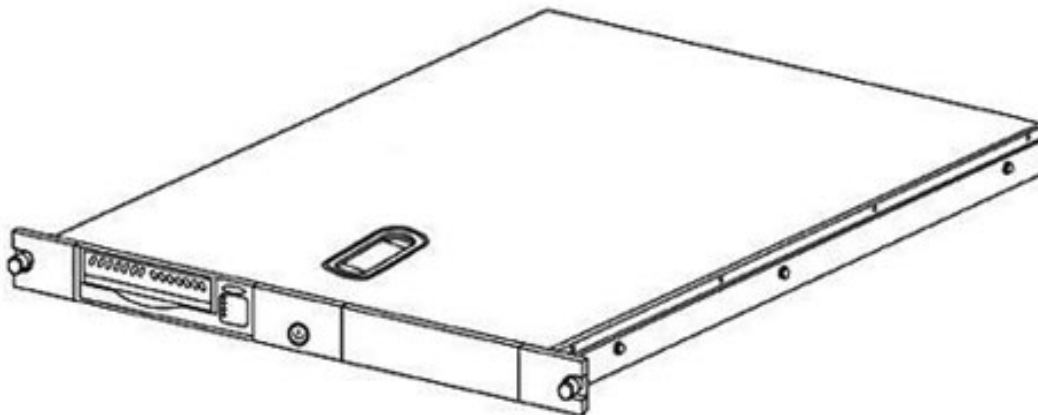# QuickSpecs

Overview

HPE StoreEver Rack-mount Kits

The HPE StoreEver Rack-mount Kits provide a high-density, rack-mountable tape drive and removable hard disk drive enclosure for direct-attach USB and SAS backup and archiving applications. Because these enclosures use standard internal tape drives and internal removable hard disk drives, they provide a cost-effective means of mounting tape drives and removable hard disk drives in rack server environments. These enclosures provide customers with scalability, allowing the customer to add drives and migrate to new tape or removable hard disk drive technologies as their capacity and performance needs grow. HPE Rack-mount Kits are supported by ProLiant, HPE Integrity, and Apollo platforms.

1U Rack-mount Kit
The 1U Rack-mount Kit is available in SAS and USB interfaces. The 1U USB enclosure supports up to two internal RDX docks with a maximum native capacity of 8 TB per backup session when using two RDX 4 TB removable disk cartridges. The 1U SAS enclosure supports up to two LTO-7 Ultrium 15000, LTO-8 Ultrium 30750, or LTO-9 Ultrium 45000 tape drives with a maximum capacity of 90 TB when using two LTO-9 Ultrium 45000 SAS drives (assuming 2.5:1 data compression).

HPE 1U Rack-mount Kit

What's New
- HPE Smart Choice purchase program; includes rack-mount kit and our most popular tape drives, smartly configured and ready to ship now!

Standard Features

Key Features

1U Rack-mount Kit
- Generic 1U Rack-mount kit supporting both SAS and USB 3.0 interfaces. 1U Rack-mount Mini SAS HD (SFF-8644) and Mini SAS (SFF-8088) cables available for LTO drive support
- 1U Rack-mount USB 3.0 cable available for RDX drive support
- The 1U Generic Rack-mount kit enclosure supports up to two LTO-7 Ultrium 15000, LTO-8 Ultrium 30750 or LTO-9 Ultrium 45000 tape drives, or up to two RDX 500 GB, 1 TB, 2 TB, 3 TB or 4 TB removable hard disk drives or any combination of LTO and RDX drives
- Provides up to 90 TB of storage capacity (assuming 2.5:1 compression) using two LTO-9 Ultrium 45000 drives or up to 8 TB of storage capacity using two RDX 4 TB removable hard disk drives
- Data transfer rates up to 600 MB/sec (native) using two LTO-9 Ultrium 45000 drives or up to 360 GB/hour using two RDX removable hard disk drives
- Latching switch for the 1U rack allows for auto restart after power has been interrupted and restored
- Supports up to two separate SAS or USB channels for connectivity to two separate servers or two separate HBA ports.

Customer Benefits

- Small footprint allows the customer to consolidate external storage needs within a high-density form factor.
- Scalability allows customers to add tape drives and migrate to new tape drive technologies that meet their capacity and performance needs as their storage requirements change.
- Support of multiple tape drive technologies as well as RDX removable hard disk drive technology, which reduces risk and protect customers' investments.
- Support of multiple interfaces including SAS and USB by selecting the appropriate cabling.
- Latching switch for all 1U Rack-mount kits allows auto restart after power has been interrupted and restored.
- Affordable pricing allows customer to match their level of investment in storage to their current or future business needs.
- Thoroughly tested and qualified with HPE ProLiant, HPE Integrity and Apollo platforms and industry leading software, resulting in easier installation and fewer problems.

1U Rack-mount Kit	
Maximum Capacity (compressed)	90 TB (with 2xLTO-9 SAS)
	8 TB (with 2x 4 TB RDX USB)
Maximum Number of Drives	2 half-height
Drives Supported	RDX Internal Docking Station
	LTO-7 Ultrium 15000
	LTO-8 Ultrium 30750
	LTO-9 Ultrium 45000
Interface	12 GB SAS (LTO-9), 6 GB SAS (LTO-8 and earlier), USB (RDX)
High-Availability Features	None

Standard Features

Product Highlights

Scalability
HPE Rack-mount kits support up to two LTO tape drives, two RDX removable hard disk drives or a combination of both in the 1U height. LTO tape drives and RDX removable hard disk drives can be added at any time, allowing flexibility to add capacity or change tape technologies at any time.

Configuration Specialized 1U rack-mount cable is required
- **SAS:** 4m Mini SAS HD (SFF-8644) or 4m Mini SAS (SFF-8088) LTO tape drive support cable
- **USB:** 2m USB 3.0 Type A RDX drive support cable

Ease-of-Use Features
HPE Rack-mount kits include features designed to provide for easier access and management of installed LTO tape drives and RDX removable hard disk drives. The cover is easily unlatched and slid off for ease of access. Each unit also includes two slide-out drive trays that allow for easy removal of the internal LTO tape drives and RDX removable hard disk drives through the top access cover. An LED on the front panel indicates when the power is on.

Compatibility and Integration Testing
HPE Rack-mount Kits use in-house technology, which ensures the customer of full compatibility with HPE ProLiant, Integrity and Apollo platforms. Hewlett Packard Enterprise thoroughly tests products with leading backup software and operating systems.

HPE Server Compatibility
Notes: Connecting a Rack-mount Kit to any of the supported ProLiant, Apollo, and HPE Integrity platforms may require the use of a secondary controller, host bus adapter, or Smart Array controller. Please see the list of supported controllers, host bus adapters, and Smart Array controllers at: **HPE Storage Single Point of Connectivity Knowledge - SPOCK** to select the appropriate model.

HPE Rack-mount Kits are supported on the following classes of HPE systems
- HPE ProLiant servers
- HPE Apollo servers

For details of which tape drive and RDX removable hard disk drive models work with which systems, including third-party systems, visit: **HPE Storage Single Point of Connectivity Knowledge - SPOCK** for the latest hardware compatibility information.

OS Support
Operating system compatibility will depend on the drives used in the rack enclosure. For the latest list of servers, operating systems, and backup software that support HPE tape drives and RDX removable hard disk drives, check the tape/RDX removable hard disk drive backup compatibility pages on our web site at: **HPE Storage Single Point of Connectivity Knowledge - SPOCK**

Software Support
Backup application compatibility also depends on the drives used in the Rack-mount Kit. For the latest list of servers, operating systems, and backup software that support HPE tape drives and RDX removable hard disk drives, check the tape/RDX removable hard disk drive backup compatibility pages on our web site at: **HPE Storage Single Point of Connectivity Knowledge - SPOCK**

Service and Support

Warranty
3-0-0 (Three year parts)

HPE Services
No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.
Services | HPE

Consulting Services
No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.
Consulting services | HPE

HPE Managed Services
HPE runs your IT operations, providing 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.
HPE Managed Services | HPE

Operational services
Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.
Operational Support Services – Technology & IT Support | HPE

HPE Complete Care Service
HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:
- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

Complete Care Service | HPE

HPE Tech Care Service
HPE Tech Care Service is the operational support service experience for HPE products. The service 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 delivers 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.
Tech Care Service | HPE

Service and Support

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 examples include:
- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:
Lifecycle Services | HPE

For a list of the most frequently purchased services using service credits, see the **HPE Service Credits Menu**

Other Related Services from HPE Services:
HPE Education Services
Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.
IT training & certification | HPE Services

Defective Media Retention
An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials
HPE 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.

How to Purchase Services
Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:
- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at **Support Services Central (hpe.com)**

Service and Support

AI Powered and Digitally Enabled Support Experience
Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.
Hewlett Packard Enterprise (HPE) - Auth - Sign In

Consume IT On Your Terms
HPE GreenLake edge-to-cloud platform 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, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.
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- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"
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For more information
Services | HPE

Recommended Deployment
HPE Install Storage Autoloader/Tape Drive Array Service
For smooth start up and better business outcomes, HPE Install Storage Autoloader/Tape Drive Array Service- this service provides initial hardware installation into your server technology environment (system configuration is not included). Leverage the full strength of HPE Technology Services - customers can trust the services professionals at Hewlett Packard Enterprise to work collaboratively with them, putting our strategic and technical know-how to work across their entire infrastructure.
- Allows your IT resources to stay focused on their core tasks and priorities
- Reduces implementation time, impact and risk to your storage environment

Related Services
HPE Backup and Recovery Solution Service
Rapid recovery from system downtime can hinge on the efficiency of your backup and recovery management environment - and on how well that environment is integrated with your storage infrastructure. But integration processes can be time-consuming and complex, and your IT resources are already stretched thin. Where can you find the expert help you need?

For fast, effective integration of your backup solution into an existing or new storage infrastructure, turn to the storage experts at HPE Services. Our Backup and Recovery Solution Service (BRSS) provides end-to-end management of your backup integration process. The BRSS team works with you to analyze your business and IT environment; develop a comprehensive integration plan and timetable; design an architecture that suits your critical requirements; install backup software; implement your solution; and validate your configuration.
- By engaging Hewlett Packard Enterprise to implement HPE Data Protector, customers' IT staff can stay focused on their core tasks and priorities, resulting in less impact to your business
- Professional backup and recovery planning that aligns with customer's business needs and implementation that reduces project execution time and risk to the storage environment
- Hewlett Packard Enterprise expertise with backup and recovery helps ensure issues are avoided

Service and Support

5-Year HPE Support Plus 24
As an alternative to our recommended support level, for customers who need to improve uptime with responsive 24x7 product support:

HPE Support Plus 24 helps you increase performance and availability with comprehensive, consistent hardware and software services. Working with your IT team, HPE Services engineers deliver onsite hardware support and over-the-phone software support around-the-clock 365 days per year. Service coverage encompasses Hewlett Packard Enterprise products and selected multivendor hardware and software.

In addition, this convenient HPE Services operational Services packaged service makes software updates available to you at substantial savings.

Choose Support Plus 24 when you need to:
- Improve uptime with responsive hardware and software services available anytime
- Cost-effectively obtain expert 24x7 multivendor hardware and software support
- Enjoy consistent service coverage across geographically dispersed sites
- Update Hewlett Packard Enterprise and selected third-party software at a predictable cost
- Take advantage of subscription savings on software updates

Configuration Information

Notes: When ordering this product factory racked, drives cannot be added in the factory. Drives can be installed by the local Installation team or the customer.

Step 1: 1U Rack-mount Kit

Description	SKU
HPE StoreEver 1U Generic Rack Mount Kit	BC029A

Notes:
- Rack-mountable enclosure (1U) with power supply, fans, power cord, quick deploy rail kit including sliding universal rails for HPE G2 Enterprise Series, Enterprise Series, G2 Advanced Series, Advanced Series, Standard Series, and other HPE square hole or round hole racks. Quick release levers for fast and easy serviceability and in-rack tool-less access.
- #0D1 will appear after the part number on the sales order if HPE factory integration is indicated.

Step 2: Cables
Select each required option with quantities specified.

Cable

HPE 12Gb Mini SAS High Density (SFF-8644) to LTO Drive 4m Cable for 1U Rack Mount Kit	P35174-B21
HPE StoreEver 4m Mini SAS HD (SFF-8644) LTO Drive Cable for 1U Rack Mount Kit	876805-B21
HPE StoreEver 4m Mini SAS (SFF-8088) LTO Drive Cable for 1U Rack Mount Kit	876804-B21
HPE StoreEver 2m USB 3.0 Type A RDX Drive Cable for 1U Rack Mount Kit	P03819-B21

Step 3: Additional/Related Options
Select each required option with quantities specified.

Notes: The following is a list of additional/related options. Some may be discontinued.

Tape Drives

HPE LTO-7 Ultrium 15000 Internal Tape Drive	BB873A

Notes: Requires HPE StoreEver 1U Rack-mount kit 4 meter Mini SAS HD (SFF-8644) Cable for LTO drive or HPE StoreEver 1U Rack Mount 4m Mini SAS (SFF-8088) cable for LTO Drive.

HPE StoreEver LTO-8 Ultrium 30750 Internal Tape Drive	BC022A

Notes: Requires HPE StoreEver 1U Rack-mount kit 4 meter Mini SAS HD (SFF-8644) Cable for LTO drive or HPE StoreEver 1U Rack Mount 4m Mini SAS (SFF-8088) cable for LTO Drive.

HPE StoreEver LTO-9 Ultrium 45000 Internal Tape Drive	BC040A

Notes: Requires HPE StoreEver 4m Mini SAS HD (SFF-8644) LTO Drive 12 GB Cable for 1U Rack Mount Kit

Removable Disk Drive

Notes: Requires HPE StoreEver 1U Rack Mount 2m USB 3.0 Type A cable for RDX Drive.

HPE RDX Internal Docking Station	C8S06A

Notes:
- Requires HPE StoreEver 1U Rack Mount 2m USB 3.0 Type A cable for RDX Drive.
- Please add at least one of the required media cartridges listed below per the customers capacity requirements

HPE RDX 500GB Removable Disk Cartridge	Q2042A
HPE RDX 1TB Removable Disk Cartridge	Q2044A
HPE RDX 2TB Removable Disk Cartridge	Q2046A
HPE RDX 4TB Removable Disk Cartridge	Q2048A

Configuration Information

Media

Description	SKU
HPE LTO-5 Ultrium 3TB RW Data Cartridge	C7975A
HPE LTO-6 Ultrium 6.25TB RW Data Cartridge	C7976A
HPE LTO-7 Ultrium 15TB RW Data Cartridge	C7977A
HPE LTO-7 Ultrium WORM Data Cartridge	C7977W
HPE LTO-8 Ultrium 30TB RW Data Cartridge	Q2078A
HPE LTO-8 Ultrium 30TB WORM Data Cartridge	Q2078W
HPE LTO-9 Ultrium 45TB RW Data Cartridge	Q2079A
HPE Ultrium Universal Cleaning Cartridge	C7978A

Host Bus Adapters, Controllers, and Accessories for ProLiant Servers

SAS Controllers

HPE Smart Array E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804398-B21

Notes:
- Recommended SAS HBA for connecting External LTO Ultrium tape drives to Gen10 ProLiant servers.
- Recommended SAS HBA for connecting LTO Ultrium tape drives to Gen9 ProLiant servers.

Technical Specifications

1U Rack-mount					
Dimensions	**Form Factor**	**1U - Rack-mount**			
	Physical (HxWxD)	1.7 x 19 x 25.3 in (4.32 x 42.88 x 64.14 cm)			
	Shipping (HxWxD)	12.0 x 23.5 x 33.5 in (30.48 x 59.69 x 85.09 cm)			
Weight	**Out of box**	19.0 lb (8.6 kg) **Notes:** The 1U Rack-mount enclosure can be configured with a number of different LTO tape drive generations as well as RDX drives. It also supports different interfaces, HW and cable differences that affect the final weight of the product. The weight indicated in this document is a general guideline, and final weight may vary slightly.			
	Shipping	25 lb (11.3 kg) approximately 34 lb			
Interface	**USB/SAS Interface**	USB 3.0 6 GB and 12 GB SAS			
Power Specifications	**Power Requirements**	140 Watts, max 100 to 240 Vrms Nominal Line Voltage 90 to 264 Vrms Range Line Voltage 50/60 Hz 2.2/1.1 A max Input Current (@120 VAC)			
Environmental Specifications	**Temperature**	**Operating**	50° to 95° F (10° to 35° C)		
		Storage	-22° to 140° F (-30° to 60° C)		
	Non-Condensing Humidity	**Operating**	20% to 80%		
		Storage	10% to 90%		
Drives Supported	**1U Rack-mount**	**Capacity** (native)	**Capacity** (Compressed)	**Transfer rate** (native)	**Form Factor**
	RDX 500 GB Internal	500 GB		30 MB/s	Half-Height
	RDX 1 TB Internal	1 TB		30 MB/s	Half-Height
	RDX 2 TB Internal	2 TB		30 MB/s	Half-Height
	RDX 3 TB Internal	3 TB		30 MB/s	Half-Height
	RDX 4 TB Internal	4 TB		30 MB/s	Half-Height
	LTO-7 Ultrium 15000 SAS	6 TB	15 TB	300 MB/s	Half-Height
	LTO-8 Ultrium 30750 SAS	12 TB	30 TB	300 MB/s	Half-Height
	LTO-9 Ultrium 45000 SAS	18 TB	45 TB	300 MB/s	Half-Height
Max Number of drives	**1U Rack-mount**	Two half-height internal drives	N/A	N/A	N/A
LED Indicators	**1U Rack-mount**	Power Supply	N/A	N/A	N/A
Cable	**Total Cable Length**		**Cable Length at the rear of the 1U rack-mount kit**		
Mini SAS	4.57m		4m		
USB 3.0	2.7m		2.13m		

Summary of Changes

Date	Version History	Action	Description of change
02-Dec-2024	Version 89	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated.
07-Oct-2024	Version 88	Changed	Overview, Standard Features, Service and Support, Configuration Information and Technical Specifications sections were updated. Removing LTO-5 and LTO-6 Drives
04-Dec-2023	Version 87	Changed	HPE Services Rebranding
10-Jan-2022	Version 86	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated.
01-Nov-2021	Version 85	Changed	Service and Support section was updated.
05-Oct-2020	Version 84	Changed	Changes made to the entire document
06-Apr-2020	Version 83	Changed	QuickSpecs layout was updated and Obso SKUs were removed
02-Apr-2018	Version82	Changed	Features, Product Highlights, Configuration Information, and Technical Specifications were revised.
05-Feb-2018	Version 81	Changed	Overview, Features, Product Highlights, Configuration Information, and Technical Specifications were revised.
04-Dec-2017	Version 80	Changed	Included LTO-8 and RDX 4 TB support
23-Oct-2017	Version 79	Changed	Care Pack naming and Service and Support- Parts and Materials updated
04-Sept-2017	Version 78	Changed	Changes made to the entire document
11-Jul-2017	Version 77	Changed	Removed LTO-3 & Full-Height references
30-Sept-2016	Version 76	Changed	Updated out of box weight and added disclaimer
11-Mar-2016	Version 75	Changed	Removed OBS RDX SKU's and added updated/higher capacity SKU for 2 TB
15-Jan-2016	Version 74	Changed	Removed SCSI references, DAT references, 3U rack and included LTO-7
13-Feb-2015	Version 73	Changed	Updated the Technical Specifications section. Obsolete SKUs removed.
18-Jul-2014	Version 72	Changed	Key Features - 3U SCSI Rack-mount Kit – changed 3.2 TB to 6.4 TB and removed "two LTO 4 Ultrium 1840 or 6.4 TB with" and removed "LTO 3 Ultrium 960 and LTO 4 Ultrium 1840"; Family Comparison table – 3U Rack-mount Kit – drives supported – removed LTO 4 Ultrium 1840; Configuration Information – Pre-configured models – removed AG594C, DW028D and EH926B; Step 2 – Additional/Related Options – removed Q1587B, EH853B and EH960B; USB Cable Kit – removed section and 396114-B21; Technical Specifications – Drives Supported – 1U and 3U Rack-mount – removed DAT 160 SAS information;
25 Apr 2014	Version 71	Changed	3-Year HPE Support Plus 24 paragraph for a new one
18-Mar-2014	Version 70	Changed	Changes were made throughout
13-Sep-2013	Version 69	Changed	Changes were made throughout
05-Apr-2013	Version 68	Changed	Changes were made throughout
29-Mar-2013	Version 67	Changed	Changes were made throughout
18-Jan-2013	Version 66	Changed	Changes were made throughout
05-Oct-2012	Version 65	Changed	Changes were made throughout
13-Aug-2012	Version 64	Changed	Changes were made throughout
06-Jan-2012	Version 63	Changed	Changes were made throughout
02-Dec-2011	Version 62	Changed	Changes were made throughout
02-Dec-2011	Version 61	Changed	Changes were made throughout
08-Jun-2011	Version 60	Changed	Changes were made throughout
12-Nov-2010	Version 59	Changed	Changes were made throughout
27-Sep-2010	Version 58	Changed	Changes were made throughout
29-Mar-2010	Version 57	Changed	Changes were made throughout
11-Dec-2009	Version 56	Changed	Changes were made throughout
16-Oct-2009	Version 55	Changed	Changes were made throughout
12-Jun-2009	Version 54	Changed	Changes were made throughout

Summary of Changes

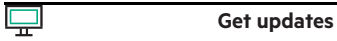| Date	Version History	Action	Description of change
01-Dec-2008	Version 53	Changed	Changes were made throughout
17-Nov-2008	Version 52	Changed	Changes were made throughout
22-Sep -2008	Version 51	Changed	Changes were made throughout
18-Jul-2008	Version 50	Changed	Changes were made throughout
16-Jun-2008	Version 49	Changed	Changes were made throughout
28-Mar-2008	Version 48	Changed	Changes were made throughout
15-Feb-2008	Version 47	Changed	Changes were made throughout
30-Nov-2007	Version 46	Changed	Changes were made throughout
12-Nov -2007	Version 45	Changed	Changes were made throughout
01-Aug-2007	Version 44	Changed	Changes were made throughout
29-Jun-2007	Version 43	Changed	Changes were made throughout
19-Jun-2007	Version 42	Changed	Changes were made throughout
08-Jun-2007	Version 41	Changed	Changes were made throughout
14-May-2007	Version 40	Changed	Changes were made throughout
23-Mar-2007	Version 39	Changed	Changes were made throughout
09-Mar-2007	Version 38	Changed	Changes were made throughout
02-Feb-2007	Version 37	Changed	Changes were made throughout
26-Jan-2007	Version 36	Changed	Changes were made throughout
20-Nov-2006	Version 35	Changed	Changes were made throughout
13-Nov-2006	Version 34	Changed	Changes were made throughout
12-Sep -2006	Version 33	Changed	Changes were made throughout
04-Aug -2006	Version 32	Changed	Changes were made throughout
13-Jan-2006	Version 31	Changed	Changes were made throughout
02-Jan-2006	Version 30	Changed	Changes were made throughout
07-Oct-2005	Version 29	Changed	Changes were made throughout
26-Sep-2005	Version 28	Changed	Changes were made throughout
27-Jun-2005	Version 27	Changed	Changes were made throughout
29-Apr-2005	Version 26	Changed	Changes were made throughout
28-Mar-2005	Version 25	Changed	Changes were made throughout
15-Feb-2005	Version 24	Changed	Changes were made throughout
30-Dec-2004	Version 23	Changed	Changes were made throughout
03-Nov-2004	Version 22	Changed	Changes were made throughout
01-Nov-2004	Version 21	Changed	Additional Options: Updated Rail Kits in the HPE Rack Options section. Configuration Information: Added a NOTE to the HPE Power Supplies section. Core Options: Added 695510-B21 to HPE Hard Drives, 717491-B21 to HPE Networking, 684539-B21 and a note to HPE Power supplies, 728593-B21 to HPE Graphic Options. Additional Options: HPE PCIe Workload Accelerator Options complete section, HPE Basic Power Distribution Units complete section. Additional Options: Removed 641027-B21, 600279-B21 and 600282-B21 from the HPE I/O Accelerator Options.
01-Sep-2004	Version 20	Changed	Changes were made throughout
03-May-2004	Version 19	Changed	Image correction
07-Apr-2004	Version 18	Changed	Maximum initiators supported was revised in the overview chart
22-Mar-2004	Version 17	Added	Added the missing image to Step 1
17-Feb-2004	Version 16	Changed	Overview and Configuration were revised
14-Jan-2004	Version 15	Removed	Removed a Note from Configuration Information and Additional Options sections.

Summary of Changes

Date	Version History	Action	Description of change
05-Sep-2003	Version 14	Changed	Changes were made throughout
04-Aug-2003	Version 13	Changed	Changes were made throughout
22-Jul-2003	Version 12	Changed	Changes were made throughout
25-Jun-2003	Version 11	Changed	Changes were made throughout
28-Feb-2003	Version 10	Changed	Changes were made throughout
21-Aug-2002	Version 9	Changed	Changes were made throughout
07-Aug-2002	Version 8	Changed	Changes were made throughout
15-Mar-2002	Version 7	Changed	Changes were made throughout
26-Feb-2002	Version 6	Changed	Changes were made throughout
27-Nov-2001	Version 5	Changed	Changes were made throughout
18-Sep-2001	Version 4	Changed	Changes were made throughout
20 Jul 2001	Version 3	Changed	Changes were made throughout
16 Jul 2001	Version 2	Changed	Updated operating temperature range as requested by engineering from 5-40C to 10-35C
08-May-2001	Version 1	New	New QuickSpecs

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