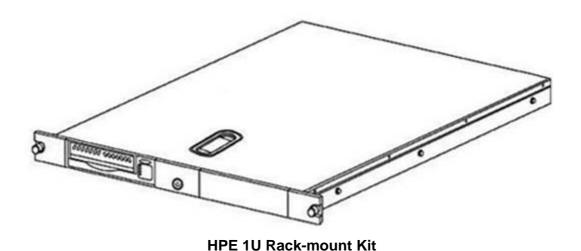Overview

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 8TB per backup session when using two RDX 4 TB removable disk cartridges. The 1U SAS enclosure supports up to two , LTO-5 Ultrium 3000 SAS, LTO-6 Ultrium 6250, 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
- Generic 1U Rack-mount Kit now supports LTO-9 Ultrium 45000 Internal Tape Drives

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-5 Ultrium 3000, LTO-6 Ultrium 6250, LTO-7 Ultrium 15000, LTO-8 Ultrium 30750 or LTO-9 Ultrium 45000 tape drives, or up to two RDX 500GB, 1TB, 2TB, 3TB or RDX 4TB 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 8TB of storage capacity using two RDX 4TB 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) 8TB (with 2x 4 TB RDX USB)
Maximum Number of Drives	2 half-height
Drives Supported	RDX Internal Docking Station LTO-5 Ultrium 3000 LTO-6 Ultrium 6250 LTO-7 Ultrium 15000 LTO-8 Ultrium 30750 LTO-9 Ultrium 45000
Interface	12Gb SAS (LTO-9), 6Gb SAS (LTO-8 and earlier), USB (RDX)
High-Availability Features	None

Product Highlights

Standard Features

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: **http://www.hpe.com/storage/DAPRcompatibility** 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: **http://www.hpe.com/storage/StoreEverSupportMatrix** 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: **http://www.hpe.com/storage/StoreEverSupportMatrix**.

Standard Features

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: **http://www.hpe.com/storage/StoreEverSupportMatrix**.

Service and Support

Warranty
3-0-0 (Three year parts)

HPE Pointnext operational Services
Packaged server and storage services for increased uptime, productivity and ROI.

When you buy HPE server and storage products and solutions, it's also a good time to think about what levels of support you may need. Our portfolio of service options reduce deployment and management worries while helping you get the most out of your server and storage investments. We take a holistic approach to your environment, bridging servers, blades, storage, software and network infrastructures with our packaged HPE Pointnext operational Services for servers and storage.

Protect your business beyond warranty
When it comes to robustness and reliability, standard computing equipment warranties have matured along with technology. Good news that can also create problems stemming from depending on standard warranties designed to only protect against product defects and some downtime causes. Using a standard approach to warranty uplifts, such as HPE Pointnext operational Services, helps reduce downtime risks and provides operational consistency for mission-critical and standard business computing.

HPE Pointnext - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with **HPE Pointnext 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 Pointnext **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 Pointnext 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
HPE 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, HPE 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

- **HPE 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.

Free up resources with Operational Services from HPE Pointnext

Service and Support

HPE delivers services for IT by using proven best practices as well as automation and methodologies that have been tested and refined by HPE experts and artificial intelligence through thousands of deployments globally. Choose from the recommended services for customers purchasing from Hewlett Packard Enterprise or an authorized reseller. Services are quoted using Hewlett Packard Enterprise order configuration tools.
Recommended Services
HPE Pointnext Tech Care.
HPE Pointnext Tech Care 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 Pointnext Tech Care 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 Pointnext Tech Care 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 Pointnext Complete Care
HPE Pointnext Complete Care 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 Pointnext Services experts. HPE Pointnext Complete Care 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

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

Service and Support

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

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 Pointnext 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

eSupport

HPE eSupport is a portfolio of technology-based services that assist you with managing your business environment - from the desktop to the data center.

Support Portal

The HPE support portal provides one-stop access to the information, tools and services you need to manage the daily operations of your IT environment.

Features include

- Access to self-solve tools (including search technical knowledge base)
- Efficient logging and tracking of support cases
- Collaboration with other business and IT professionals
- Download of patches and drivers
- Access to diagnostic tools
- Proactive notification of relevant information

Access to certain features of the support portal requires an HPE service agreement. To access the support portal, visit: **http://www.hpe.com/services/support**

Service and Support

Customer Technical Training
HPE Education Services
In today's cost-conscious business environment, IT professionals, developers, consultants and users face an interesting challenge: how to keep up with the latest technologies and expand important skills while delivering profitable results on current projects. To help address this challenge, Hewlett Packard Enterprise offers innovative training solutions that help keep you up-to-date on virtualization, server, storage, Insight Control, Citrix, Microsoft® and open source/Linux-related topics-while spending less time away from business-critical activities.

HPE Services Awards
HPE Technology Services continues to be recognized for service and support excellence by customers, partners, industry organizations and publications around the world. Recent honors and award reflect our services team's dedications, technical expertise, professionalism and uncompromising commitment to customer satisfaction.

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 quick-specs, 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.

For more information

- **http://www.hpe.com/services**
- **https://www.hpe.com/us/en/services/operational.html**

To learn more on HPE Storage 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"
https://www.hpe.com/us/en/contact-hpe.html
HPE Support 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 HPE Support Services at
  https://ssc.hpe.com/portal/site/ssc/

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

Model	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 StoreEver 4m Mini SAS HD (SFF-8644) LTO Drive 12Gb 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 StoreEver LTO-5 Ultrium 3000 SAS Internal Tape Drive	EH957B

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 LTO-6 Ultrium 6250 Internal Tape Drive	EH969A

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 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 12Gb Cable for 1U Rack Mount Kit

Configuration Information

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

Media

HPE LTO-5 Ultrium 3TB RW Data Cartridge	C7975A
HPE LTO-5 Ultrium 3TB WORM Data Cartridge	C7975W
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.

QuickSpecs

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 6Gb and 12Gb 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 500GB 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-5 Ultrium 3000 SAS	1.5TB	3TB	140MB/s	Half-Height
	LTO-6 Ultrium 6250 SAS	2.5TB	6.25TB	160MB/s	Half-Height
	LTO-7 Ultrium 15000 SAS	6TB	15TB	300MB/s	Half-Height
	LTO-8 Ultrium 30750 SAS	12TB	30TB	300MB/s	Half-Height
	LTO-9 Ultrium 45000 SAS	18 TB	45 TB	300MB/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	

Technical Specifications

Summary of Changes

Date	Version History	Action	Description of change
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
01-Dec-2008	Version 53	Changed	Changes were made throughout

Summary of Changes

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

Date	Version History	Action	Description of change
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.

QuickSpecs

Summary of Changes

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

Date	Version History	Action	Description of change
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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