

Overview

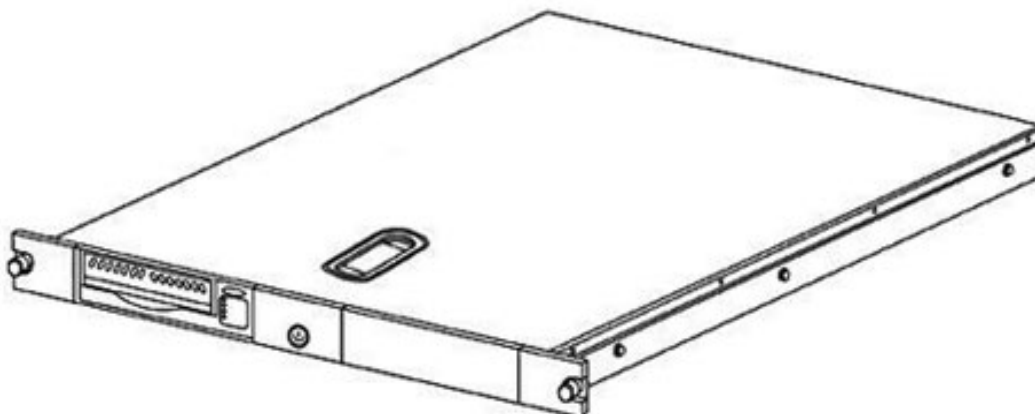
Shape the Future of QuickSpecs – Your Input Matters

HPE Storage Rack-mount Kits

The HPE Storage Rack-mount Kits provide a high-density, rack-mountable tape drive enclosure for SAS backup and archiving applications. Because these enclosures use standard internal tape drives, they provide a cost-effective means of mounting tape drives in rack server environments. These enclosures provide customers with scalability, allowing the customer to add drives and migrate to new tape 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 with a SAS interface. 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

- The HPE Smart Choice Purchase Program offers a pre-configured, rack-mount drive solution, including a rack-mount kit with an LTO-8 or LTO-9 SAS Tape Drive and five coordinating data cartridges.

Standard Features

Key Features

1U Rack-mount Kit

- Generic 1U Rack-mount kit supporting SAS interface with Mini SAS HD (SFF-8644) and Mini SAS (SFF-8088) cables.
- The 1U Generic Rack-mount kit enclosure supports up to two, in any combination, LTO-7 Ultrium 15000, LTO-8 Ultrium 30750 or LTO-9 Ultrium 45000 tape drives.
- Provides up to 90 TB of storage capacity (assuming 2.5:1 compression) using two LTO-9 Ultrium 45000 drives
- Data transfer rates up to 600 MB/sec (native) using two LTO-9 Ultrium 45000 drives
- Latching switch for the 1U rack allows for auto restart after power has been interrupted and restored
- Supports up to two separate SAS 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/or migrate to new tape drive technologies, ensuring their capacity and performance needs evolve with changing storage demands..
- Support of multiple generations of tape drive technologies, which reduces risk and protects customers' investments.
- 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)
Maximum Number of Drives	2 half-height
Drives Supported	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)
High-Availability Features	None

Product Highlights

Scalability

HPE Rack-mount kits support up to two LTO tape drives in the 1U height. LTO tape drives can be added at any time, allowing flexibility to add capacity or change tape technologies.

Configuration Specialized 1U rack-mount cable is required

- 4m Mini SAS HD (SFF-8644)
- 4m Mini SAS (SFF-8088)

Ease-of-Use Features

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



Standard Features

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. To select the appropriate model, see the list of supported controllers, host bus adapters, and Smart Array controllers at: [HPE Storage Single Point of Connectivity Knowledge - SPOCK](#).

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

- HPE ProLiant servers
- HPE Integrity servers
- HPE Apollo servers

For the latest hardware compatibility information regarding which tape drive models work with which systems, including third-party systems, visit: [HPE Storage Single Point of Connectivity Knowledge - SPOCK](#).

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, check the tape 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, check the tape 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 for the rack-mount kit, tape drives follow their specific warranty)

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.

- 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

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"

[Contact Us – Hewlett Packard Enterprise – HPE - Contact Sales and Support | HPE](#)

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

HPE StoreEver 1U Generic Rack Mount Kit

SKU

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.
- #OD1 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

Description

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

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

Description

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

Media

Description

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



Configuration Information

Host Bus Adapters, Controllers, and Accessories for ProLiant Servers

SAS Controllers

Description

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

SKU

804398-B21

Notes:

- Recommended SAS HBA for connecting LTO Ultrium tape drives to Gen 11 ProLiant servers.
- Recommended SAS HBA for connecting LTO Ultrium tape drives to Gen10 ProLiant servers.
- Recommended SAS HBA for connecting LTO Ultrium tape drives to Gen9 ProLiant servers.

HPE Smart Choice purchase program

The HPE Smart Choice purchase program features popular fully configured products that can be quoted in minutes and shipped quickly through HPE Authorized Partners. Products are configured and tested in an HPE factory and stocked at HPE Authorized Distributors and Partners. The products arrive in a single box, making onsite integration easier and more efficient for partners and customers. Additionally, there are aggressively priced HPE Tech Care Services available only through the HPE Smart Choice program when you purchase an HPE Smart Choice product.

For HPE Smart Choice configuration and product details, please visit the:

[HPE Smart Choice Purchase Program – Supplemental QuickSpecs](#)

Pre-Configured models ship with the configurations below.

- Pre-Configured models ship with the configurations below. Options can be selected from the Core or Additional options section of this QuickSpecs.
- Hewlett Packard Enterprise does not allow factory integration of options into pre-configured models. Any additional options purchased will not be shipped inside the server.

Sku Number	Model Name	Part Description
P77033-B25	HPE Storage LTO-8 Ultrium Rack Mount Tape Drive 5x LTO-8 30TB Data Cartridges	(1) HPE StoreEver 1U Generic Rack-mount kit (1) HPE StoreEver LTO-8 Ultrium 30750 Internal Tape Drive (1) HPE StoreEver 1U Rack-mount kit HD SAS Cable (5) HPE LTO-8 Ultrium RW Bar Code Label Pack
P77034-B25	HPE Storage LTO-9 Ultrium Rack Mount Tape Drive 5x LTO-9 45TB Data Cartridges	(1) HPE StoreEver 1U Generic Rack-mount kit (1) HPE StoreEver LTO-9 Ultrium 45000 Internal Tape Drive (1) HPE StoreEver 1U Rack-mount kit HD SAS Cable (5) HPE LTO-9 Ultrium RW Bar Code Label Pack



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. 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	SAS Interface	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
	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	4.57 m		4 m		



Summary of Changes

Date	Version History	Action	Description of change
28-Jul-2025	<u>Version 91</u>	Changed	Configuration Information section was updated - Pre-Configured Tape Storage HPE Smart Choice purchase program information was updated.
05-May-2025	<u>Version 90</u>	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated. Branding updates and removal of RDX
02-Dec-2024	<u>Version 89</u>	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated.
07-Oct-2024	<u>Version 88</u>	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	<u>Version 87</u>	Changed	HPE Services Rebranding
10-Jan-2022	<u>Version 86</u>	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated.
01-Nov-2021	<u>Version 85</u>	Changed	Service and Support section was updated.
05-Oct-2020	<u>Version 84</u>	Changed	Changes made to the entire document
06-Apr-2020	<u>Version 83</u>	Changed	QuickSpecs layout was updated and Obso SKUs were removed
02-Apr-2018	<u>Version 82</u>	Changed	Features, Product Highlights, Configuration Information, and Technical Specifications were revised.
05-Feb-2018	<u>Version 81</u>	Changed	Overview, Features, Product Highlights, Configuration Information, and Technical Specifications were revised.
04-Dec-2017	<u>Version 80</u>	Changed	Included LTO-8 and RDX 4 TB support
23-Oct-2017	<u>Version 79</u>	Changed	Care Pack naming and Service and Support- Parts and Materials updated
04-Sept-2017	<u>Version 78</u>	Changed	Changes made to the entire document
11-Jul-2017	<u>Version 77</u>	Changed	Removed LTO-3 & Full-Height references
30-Sept-2016	<u>Version 76</u>	Changed	Updated out of box weight and added disclaimer
11-Mar-2016	<u>Version 75</u>	Changed	Removed OBS RDX SKU's and added updated/higher capacity SKU for 2 TB
15-Jan-2016	<u>Version 74</u>	Changed	Removed SCSI references, DAT references, 3U rack and included LTO-7
13-Feb-2015	<u>Version 73</u>	Changed	Updated the Technical Specifications section. Obsolete SKUs removed.
18-Jul-2014	<u>Version 72</u>	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	<u>Version 71</u>	Changed	3-Year HPE Support Plus 24 paragraph for a new one
18-Mar-2014	<u>Version 70</u>	Changed	Changes were made throughout
13-Sep-2013	<u>Version 69</u>	Changed	Changes were made throughout
05-Apr-2013	<u>Version 68</u>	Changed	Changes were made throughout
29-Mar-2013	<u>Version 67</u>	Changed	Changes were made throughout
18-Jan-2013	<u>Version 66</u>	Changed	Changes were made throughout
05-Oct-2012	<u>Version 65</u>	Changed	Changes were made throughout
13-Aug-2012	<u>Version 64</u>	Changed	Changes were made throughout
06-Jan-2012	<u>Version 63</u>	Changed	Changes were made throughout
02-Dec-2011	<u>Version 62</u>	Changed	Changes were made throughout



Summary of Changes

Date	Version History	Action	Description of change
02-Dec-2011	<u>Version 61</u>	Changed	Changes were made throughout
08-Jun-2011	<u>Version 60</u>	Changed	Changes were made throughout
12-Nov-2010	<u>Version 59</u>	Changed	Changes were made throughout
27-Sep-2010	<u>Version 58</u>	Changed	Changes were made throughout
29-Mar-2010	<u>Version 57</u>	Changed	Changes were made throughout
11-Dec-2009	<u>Version 56</u>	Changed	Changes were made throughout
16-Oct-2009	<u>Version 55</u>	Changed	Changes were made throughout
12-Jun-2009	<u>Version 54</u>	Changed	Changes were made throughout
01-Dec-2008	<u>Version 53</u>	Changed	Changes were made throughout
17-Nov-2008	<u>Version 52</u>	Changed	Changes were made throughout
22-Sep -2008	<u>Version 51</u>	Changed	Changes were made throughout
18-Jul-2008	<u>Version 50</u>	Changed	Changes were made throughout
16-Jun-2008	<u>Version 49</u>	Changed	Changes were made throughout
28-Mar-2008	<u>Version 48</u>	Changed	Changes were made throughout
15-Feb-2008	<u>Version 47</u>	Changed	Changes were made throughout
30-Nov-2007	<u>Version 46</u>	Changed	Changes were made throughout
12-Nov -2007	<u>Version 45</u>	Changed	Changes were made throughout
01-Aug-2007	<u>Version 44</u>	Changed	Changes were made throughout
29-Jun-2007	<u>Version 43</u>	Changed	Changes were made throughout
19-Jun-2007	<u>Version 42</u>	Changed	Changes were made throughout
08-Jun-2007	<u>Version 41</u>	Changed	Changes were made throughout
14-May-2007	<u>Version 40</u>	Changed	Changes were made throughout
23-Mar-2007	<u>Version 39</u>	Changed	Changes were made throughout
09-Mar-2007	<u>Version 38</u>	Changed	Changes were made throughout
02-Feb-2007	<u>Version 37</u>	Changed	Changes were made throughout
26-Jan-2007	<u>Version 36</u>	Changed	Changes were made throughout
20-Nov-2006	<u>Version 35</u>	Changed	Changes were made throughout
13-Nov-2006	<u>Version 34</u>	Changed	Changes were made throughout
12-Sep -2006	<u>Version 33</u>	Changed	Changes were made throughout
04-Aug -2006	<u>Version 32</u>	Changed	Changes were made throughout
13-Jan-2006	<u>Version 31</u>	Changed	Changes were made throughout
02-Jan-2006	<u>Version 30</u>	Changed	Changes were made throughout
07-Oct-2005	<u>Version 29</u>	Changed	Changes were made throughout
26-Sep-2005	<u>Version 28</u>	Changed	Changes were made throughout
27-Jun-2005	<u>Version 27</u>	Changed	Changes were made throughout
29-Apr-2005	<u>Version 26</u>	Changed	Changes were made throughout
28-Mar-2005	<u>Version 25</u>	Changed	Changes were made throughout
15-Feb-2005	<u>Version 24</u>	Changed	Changes were made throughout
30-Dec-2004	<u>Version 23</u>	Changed	Changes were made throughout
03-Nov-2004	<u>Version 22</u>	Changed	Changes were made throughout
01-Nov-2004	<u>Version 21</u>	Changed	<p>Additional Options: Updated Rail Kits in the HPE Rack Options section.</p> <p>Configuration Information: Added a NOTE to the HPE Power Supplies section.</p> <p>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.</p> <p>Additional Options: HPE PCIe Workload Accelerator Options complete section, HPE Basic Power Distribution Units complete section.</p> <p>Additional Options: Removed 641027-B21, 600279-B21 and 600282-B21 from the HPE I/O Accelerator Options.</p>



Summary of Changes

Date	Version History	Action	Description of change
01-Sep-2004	<u>Version 20</u>	Changed	Changes were made throughout
03-May-2004	<u>Version 19</u>	Changed	Image correction
07-Apr-2004	<u>Version 18</u>	Changed	Maximum initiators supported was revised in the overview chart
22-Mar-2004	<u>Version 17</u>	Added	Added the missing image to Step 1
17-Feb-2004	<u>Version 16</u>	Changed	Overview and Configuration were revised
14-Jan-2004	<u>Version 15</u>	Removed	Removed a Note from Configuration Information and Additional Options sections.
05-Sep-2003	<u>Version 14</u>	Changed	Changes were made throughout
04-Aug-2003	<u>Version 13</u>	Changed	Changes were made throughout
22-Jul-2003	<u>Version 12</u>	Changed	Changes were made throughout
25-Jun-2003	<u>Version 11</u>	Changed	Changes were made throughout
28-Feb-2003	<u>Version 10</u>	Changed	Changes were made throughout
21-Aug-2002	<u>Version 9</u>	Changed	Changes were made throughout
07-Aug-2002	<u>Version 8</u>	Changed	Changes were made throughout
15-Mar-2002	<u>Version 7</u>	Changed	Changes were made throughout
26-Feb-2002	<u>Version 6</u>	Changed	Changes were made throughout
27-Nov-2001	<u>Version 5</u>	Changed	Changes were made throughout
18-Sep-2001	<u>Version 4</u>	Changed	Changes were made throughout
20 Jul 2001	<u>Version 3</u>	Changed	Changes were made throughout
16 Jul 2001	<u>Version 2</u>	Changed	Updated operating temperature range as requested by engineering from 5-40C to 10-35C
08-May-2001	<u>Version 1</u>	New	New QuickSpecs




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