Q2R94A Datasheet

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Overview

Q2R94A is the HPE StoreEasy 1460 32TB SATA Storage. HPE StoreEasy 1460 Storage products are storage solutions that deliver multi-protocol file serving and application storage in a compact and affordable 1U rack-mount form factor. They're easy to install and manage, making them perfect for a small workgroup, small business or remote office. HPE StoreEasy 1460 models come with Windows Storage Server 2016 pre-installed from the factory on the four internal LFF drives. The HPE StoreEasy 1460 is built on a ProLiant DL360 Gen 10 Server and includes a rail kit.
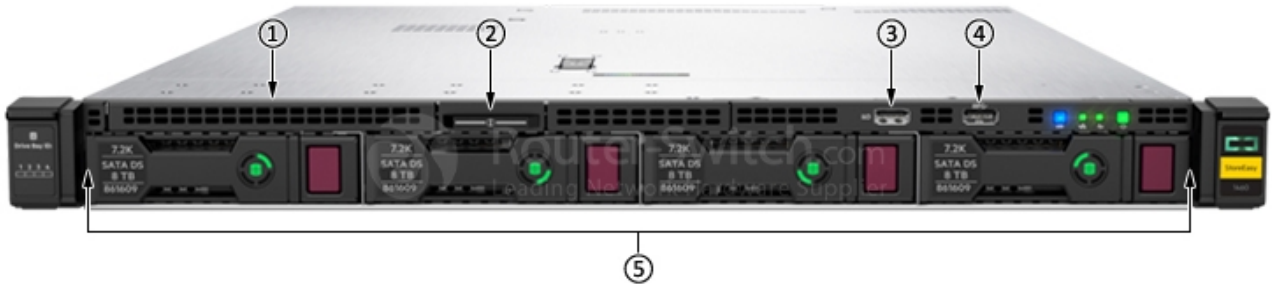
Quick Spec

Table 1 shows the quick spec of HPE StoreEasy 1460 Storage.

Model	HPE StoreEasy 1460 Storage
Processor	Intel® Xeon-Bronze 3104 (1.7GHz/6-core/85W) Processor
Memory	
Type	DDR4-2666 CAS-19-19-19 Registered (RDIMM)
Maximum	24TB (Limit based on operating system license - WSS2016)
Standard	8GB (1 x 8GB)
DIMM Sockets	24
Network Controller	
NIC ports	4
Controller	1Gb Ethernet 4-port
Dimensions	LFF Drives: 4.29 x 43.46 x 74.98 cm 1.69 x 17.11 x 29.5 in

Product Details

Figure 1 shows the front view of HPE StoreEasy 1460 Storage.

Note:

(1)	Optical drive blank

(2)	Serial label pull tab
(3)	iLO Service Port
(4)	USB 3.0 Port
(5)	SATA drive bays

Configuration Information

Table 2 shows you how to configure an HPE StoreEasy 1460 storage.

Step 1: Choose an HPE StoreEasy 1460 BTO model	
HPE StoreEasy 1460 Pre-configured Build-to-Order (BTO) models come with four factory-installed data drives and the Microsoft Windows Storage Server 2016 Standard Edition operating system pre-installed on a 150GB RAID10 partition across the four drives.	
HPE StoreEasy 1460 8TB SATA Storage	Q2R92A
NOTE: (4 x 2TB SATA 6G Midline 7.2K LFF Digitally Signed Firmware HDDs pre-installed in front slots).	
HPE StoreEasy 1460 16TB SATA Storage	Q2R93A
NOTE: (4 x 4TB SATA 6G Midline 7.2K LFF 512e Digitally Signed Firmware HDDs pre-installed in front slots).	
HPE StoreEasy 1460 32TB SATA Storage	Q2R94A
NOTE: (4 x 8TB SATA 6G Midline 7.2K rpm LFF 512e Helium Digitally Signed Firmware HDDs pre-installed in front slots). NOTE: Model names are based on raw storage capacity, not available user storage. NOTE: All options in steps 2 to 8 of Build-to-Order models are shipped separately and are not factory integrated.	
Step 2: Choose optional external storage controller to connect to external storage enclosures	
HPE Smart Array SAS Controllers	
HPE Smart Array E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804398-B21
HPE Smart Array P408e-p SR Gen10 (8 External Lanes/4GB Cache) 12G SAS PCIe Plug-in Controller	804405-B21
HPE Smart Array SR Secure Encryption (Data at Rest Encryption/per Server Entitlement) E-LTU	Q2F26AAE
Step 3: Choose optional second Network Adapter	
PCIe Network Adapters	
HPE StoreEasy 1GbE 2-port 332T Adapter	Q2P90A
HPE Ethernet 1Gb 4-port 331T Adapter	647594-B21
HPE StoreEasy 10GbE 2-port 530T Adapter	Q2P91A
HPE StoreEasy 10GbE 2-port 530SFP+ Adapter	Q2P92A
FlexLOM Network Adapters	
HPE Ethernet 1Gb 4-port 366FLR Adapter	665240-B21
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	727054-B21
HPE Ethernet 10Gb 2-port 535FLR-T Adapter	817721-B21
NOTE: FlexibleLOM Adapters provide flexibility in meeting networking needs now and adapt to any future requirements without using a standard PCIe slot. These options are field upgradeable, integrate seamlessly with the HPE StoreEasy system architecture and form factor. Only one FlexibleLOM can be added to the HPE StoreEasy 1460.	
Step 4: Choose optional Riser Kit to add PCIe slot 3	
HPE DL360 Gen10 Low Profile Riser Kit	867982-B21
NOTE: The Riser Kit also requires the Intel® Xeon-Bronze 3104 Processor to be installed. The Riser Kit expands the number of available PCIe slots to 3.	

Step 5: Choose optional 2nd processor	
HPE DL360 Gen10 Intel Xeon-Bronze 3104 (1.7GHz/6-core/85W) Processor Kit	860649-B21
Step 6: Choose optional extra memory kit	
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	835955-B21
NOTE: There are 12 DIMM slots per processor for a total maximum of 24 DIMM slots. All HPE StoreEasy 1460 models come with one processor and one 8GB DIMM standard. NOTE: Dual processor HPE StoreEasy 1460 systems must have the same number and type of memory DIMMs installed on each processor.	
Step 7: Choose optional 2nd power supply	
HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865408-B21
Step 8: Choose optional System Recovery Media	
HPE StoreEasy XX60 Recovery Software Media Kit	Q2P95A

Get More Information

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Specification

HPE StoreEasy 1460 Storage Specification	
Processor	1 x Intel® Xeon-Bronze 3104 (1.7GHz/6-core/85W) Processor; 2nd processor optional
Memory	8GB (1 x HPE 8GB Single Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory)
Storage Controller	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller
Internal Drive Support	4 LFF (3.5") hot-plug drive bays in front
Network Port(s)	4 x 1GbE; optional FlexLOM adapter or PCIe NICs
Expansion Slots	2x PCIe; optional secondary riser with one additional PCIe slot
Security	Trusted Platform Module 2.0 and 1U Lockable Security Bezel
Power	1 x 500W Platinum standard; optional 2nd redundant power supply
Cooling	5 hot-plug redundant fans (single processor), 7 hot-plug redundant fans (dual processors)
Form Factor	1U rack
Operating Systems	Microsoft® Windows Storage Server 2016, Standard Edition
Licenses	HPE iLO Advanced Premium Security Edition License with 1yr Support on Licensed Features
Dimensions	LFF Drives: 4.29 x 43.46 x 74.98 cm 1.69 x 17.11 x 29.5 in
Input Requirements (per power supply)	Rated Line Voltage: 100 to 120 VAC 200 to 240 VAC
BTU Rating	Maximum: For 500W Power Supply: 1979 BTU/hr (at 100 VAC), 1911 BTU/hr (at 200 VAC), 1965 BTU/hr (at 240 VDC) for China Only

Power Supply Output (per power supply)	Rated Steady-State Power: For 500W Power Supply: 500W (at 100 VAC), 500W (at 240 VAC), 500W (at 240 VDC) input for China

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- Fax: +852-3050-1066 (Hong Kong)
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