

[Get a Quote](#)

Overview

Q1J28A is an HPE MSA 2050 SAS Dual Controller LFF Storage, and one 12 Gb SAS 4-ports per controller is included. The flash-ready HPE MSA 2050 Storage system is designed for affordable application acceleration that is ideal for small and remote office deployments. But do not let the low cost fool you. The HPE MSA 2050 Storage system gives you the combination of simplicity, flexibility to grow now and into the future, and advanced features you may not expect to find in an entry-priced array. Start small and scale as needed with any combination of solid state disks (SSD), high-performance enterprise, or lower-cost midline SAS-based drives.

Quick Spec

Table 1 shows the quick spec.

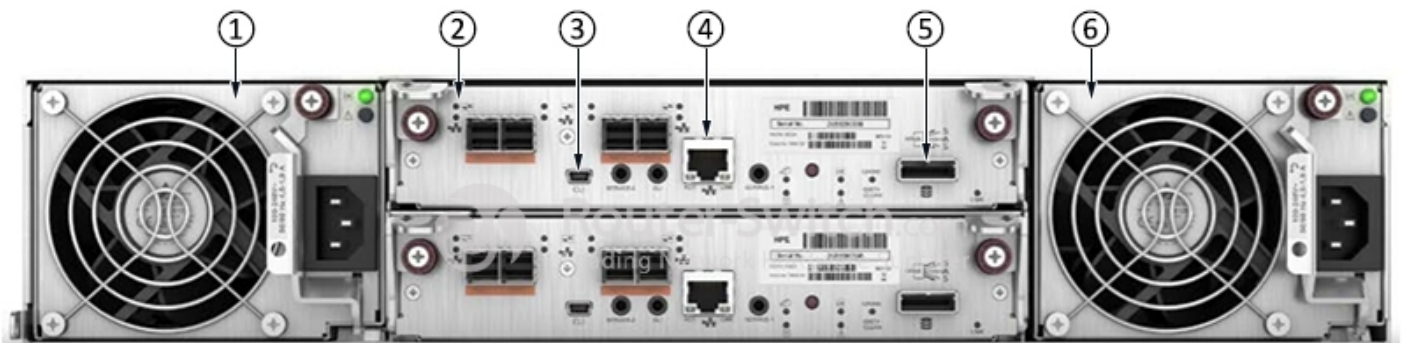
Model	Q1J28A
Capacity	1152 TB LFF maximum raw capacity
Drive description	12 LFF SAS/MDL SAS/SSD supported
Host interface	One 12 Gb SAS 4-ports per controller is included

Product Details

Figure 1 shows the MSA 2050 enclosure.



Figure 2 shows the MSA 2050 rear panel with 2 controllers installed



Note:

(1)	Power supply
(2)	Host connection ports FC or iSCSI
(3)	CLI port (mini-USB)
(4)	Management Ethernet port
(5)	Expansion port
(6)	Power supply

Compare to Similar Items

Table 2 shows the comparison.

Model	Q1J29A	Q1J00A	Q1J01A	Q1J28A
Description	HPE MSA 2050 SAS Dual Controller SFF Storage	HPE MSA 2050 SAN Dual Controller LFF Storage	HPE MSA 2050 SAN Dual Controller SFF Storage	HPE MSA 2050 SAS Dual Controller LFF Storage
Capacity	614 TB SFF maximum raw capacity	960 TB LFF maximum raw capacity	614 TB SFF maximum raw capacity	1152 TB LFF maximum raw capacity
Drive description	24 SFF SAS/MDL SAS/SSD supported	12 LFF SAS/MDL SAS/SSD supported	24 SFF SAS/MDL SAS/SSD supported	12 LFF SAS/MDL SAS/SSD supported
Host interface	One 12 Gb SAS 4-ports per controller is included	One 16 Gb/8 Gb Fibre Channel 4-ports per controller or one 1GbE/10GbE iSCSI 4-ports per controller is included	One 16 Gb/8 Gb Fibre Channel 4-ports per controller or one 1GbE/10GbE iSCSI 4-ports per controller is included	One 12 Gb SAS 4-ports per controller is included

Get More Information

Do you have any question about the Q1J28A?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

MSA 2050 Storage Specification	
Array	
Access Type	Block
Form Factor	2U, SFF or LFF
Number of controllers per array	2
Minimum / Maximum host posts	1/8
FC host connectivity	8/16Gb
iSCSI host connectivity	1Gb or 10Gb
Cache, per array	
Max Read cache per array	8TB
Data (read/write) cache + system memory per array	16GB
Pool Capacity (with large pool support)	562 TB (512 TiB)
RAID Levels supported: virtual mode	RAID 1, 5, 6, 10

Enclosures	
Expansion Drive Enclosures	0-7 enclosures
LFF/SFF array/enclosure mixing	Supported
Maximum number of drives per array enclosure	24 SFF/12 LFF
Maximum number of drives per drive enclosure	24 SFF/12 LFF
Drive enclosure inter face type	6 Gb SAS
Drives	
Maximum total HDDs per array	192 SFF / 96 LFF
Maximum total SSDs per array	192 SFF / 96 LFF
Max raw capacity per array enclosure	76.8 TB SFF / 120TB LFF
Max raw capacity per drive enclosure	76.8 TB SFF / 120TB LFF
Max raw capacity per array	614.4TB SFF / 960TB LFF
Drive Capacities	
SFF SSDs (Mixed Use)	400GB, 800GB, 1.6TB, 3.2TB
LFF SSDs (Mixed Use)	400GB, 800GB
SFF HDDs	15K: 300GB, 600GB, 900GB 10K: 300GB, 600GB, 900GB, 1.2TB, 1.8TB 7.2K: 1.0TB, 2.0TB
LFF HDDs	7.2K: 2TB, 4TB, 6TB, 8TB, 10TB
SEDs	10K SFF: 1.2TB 7.2K LFF: 4TB
Software Features	
Thin Technologies	Thin Provisioning, Space Reclamation, Thin Rebuild
Tiering	Performance Tier, Standard Tier, Archive Tier
Replication	Snapshots (512), Volume Copy, Remote Snaps
Quality of Service	Virtual Tier Affinity
Additional Features	
Maximum number of volumes	512
Maximum number of snapshots	512
Maximum number of hosts	512
Maximum number of initiators	1024
Customer self-installable	Yes
Customer self-repairable	Yes
Customer self-upgradeable	Yes

Want to Buy

Order Now

Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



200+

Countries we Sold



18,000+

Customers Trusted



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com