

Overview

HPE MSA 2050 SAS DC Power LFF Storage.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	Q2P39A
Description	MSA 2050 SAS DC Power LFF Storage
Product Series	2000
Product Model	2050
Product Type	DAS Storage System
Host Interface	12Gb/s SAS
Number of Controllers	2
Controller Type	12Gb/s SAS
RAID Supported	Yes
RAID Levels	1, 5, 6, 10
Number of Total Expansion Bays	12
Number of 3.5" Bays	12
Number of Hard Drives Supported	12
Number of Solid State Drive Supported	12
Height	3.5"
Width	22.5"
Depth	17.6"
Form Factor	Rack-mountable
Rack Height	2U

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Specification

Q2P39A Specification
General

Q2P39A Specification

Device Type	Hard drive array
Enclosure Type	Rack-mountable - 2U
Chassis	
Installed Devices / Modules Qty	0
Supported Devices / Modules Qty	12
Supported Drives	SAS-3
Storage	
Max Supported Capacity	120 TB
HDD Array External Interface	SAS 12Gb/s
Maximum LUNs	512
Storage Controller	
Type	2 x RAID
Interface Type	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
RAID Level	RAID 0, RAID 1, RAID 3, RAID 5, RAID 6, RAID 10, RAID 50
Expansion / Connectivity	
Expansion Bays	12 (total) / 12 (free) - 3.5 LFF
Interfaces	8 x SAS 12Gb/s 1 x USB (management) 1 x Ethernet 1000 (management)
System Requirements	
OS Required	HP-UX, Red Hat Linux, Apple MacOS X, SUSE Linux Enterprise Server, HP OpenVMS, Microsoft Windows Server 2008 R2, Oracle Solaris, Microsoft Windows Server 2012
Miscellaneous	
Features	Systems Insight Manager (SIM)
Compliant Standards	CISPR 22 Class A, CISPR 24, GS, EN55022 Class A, CCC, ICES-003 Class A, IEC 60950-1, EN 60950-1, WEEE, RoHS, CAN/CSA C22.2 No. 60950-1-03, VCCI Class A, KN24, K60950-1, KN22 Class A, China RoHS, AS/NZS CISPR 22, EN61000-3-2, EN61000-3-3, EN 55024 Class A, CNS 13438 Class A
Power	
Power Device	2 x internal power supply - hot-plug
Max Supported Qty	2

Q2P39A Specification

Power Redundancy	Yes
Voltage Required	DC 48 - 60 V
Manufacturer Warranty	
Service & Support	Limited warranty - parts - 3 years
Environmental Parameters	
Min Operating Temperature	41 °F
Max Operating Temperature	104 °F
Humidity Range Operating	10 - 90% (non-condensing)
Sound Emission	55 dBA

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