

HPE Modular Smart Array 2052 SAN Dual Controller SFF Storage

Solid state / hard drive array - 1.6 TB - 24 bays (SAS-2) - SSD 800 GB x 2 - rack-mountable - 2U

Group	Storage
Manufacturer	HPE
Manufacturer item no.	Q1J03B
EAN/UPC	0190017423708



Description

Looking for affordable, high-performance shared storage? The flash-ready HPE MSA 2050 storage system is designed for affordable application acceleration ideal for small and remote office deployments. But do not let the low cost fool you. HPE MSA 2050 storage gives you the combination of simplicity, flexibility to grow now, and advanced features you may not expect 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.

Main features

Product Description	HPE Modular Smart Array 2052 SAN Dual Controller SFF Storage - solid state / hard drive array
Device Type	Solid state / hard drive array
Enclosure Type	Rack-mountable - 2U
Total Array Capacity	1.6 TB
Max Supported Capacity	960 TB
Maximum LUNs	512
Installed Devices / Modules Qty	2 (installed) / 24 (max)
Supported Drives	SAS-2
Storage Controller	RAID (SAS 6Gb/s) - RAID 1, 5, 6, 10
Storage Controller Quantity	2
Hard Drive	2 x 800 GB SSD Mixed-Use
OS Required	HP-UX, SuSe Linux, Red Hat Enterprise Linux, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2016
Power	AC 120/230 V - 50/60 Hz
Power Redundancy	Yes
Dimensions (WxDxH)	44.7 cm x 49.5 cm x 8.9 cm

Weight	18.4 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

General

Device Type	Solid state / hard drive array
Enclosure Type	Rack-mountable - 2U

Chassis

Installed Devices / Modules Qty	2
Supported Devices / Modules Qty	24
Supported Drives	SAS-2

Storage

Total Array Capacity	1.6 TB
Max Supported Capacity	960 TB
Maximum LUNs	512

Processor

CPU	No CPU
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Storage Controller

Type	RAID (iSCSI)
Installed Qty	2
Interface Type	SAS 6Gb/s
Data Transfer Rate	600 MBps
Cache / Buffer Size (Max)	8 GB
RAID Level	RAID 1, RAID 5, RAID 6, RAID 10

Storage Controller (2nd)

Installed Qty	2
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Hard Drive

Type	SSD
Capacity	2 x 800 GB
Features	Mixed-Use

Expansion / Connectivity

Expansion Bays	24 (total) / 22 (free) - 2.5" SFF
Interfaces	4 x Ethernet 10Gb (iSCSI) / 16Gb Fibre Channel 2 x mini-USB 2.0 (management) 2 x Ethernet 1000Base-T (management) - RJ-45 2 x SAS

System Requirements

OS Required	HP-UX, SuSe Linux, Red Hat Enterprise Linux, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2016
Miscellaneous	
Features	Systems Insight Manager (SIM)
Software Included	HPE Advanced Data Services Suite
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN55022, GS, EN 61000-3-3, EN55024, CCC, FCC Part 15, UL 60950-1, IEC 60950-1, EN 60950-1, WEEE, RoHS, CAN/CSA C22.2 No. 60950-1-03, VCCI Class A, KN24, KN22 Class A, CNS 13438 Class A, ICES-003:2004 Class A
Environmental Standards	
ENERGY STAR Certified	Yes
Power	
Power Device	2 x internal power supply - hot-plug
Max Supported Qty	2
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Voltage Required	AC 120/230 V - 50/60 Hz
Power Consumption Operational	390 Watt
Dimensions & Weight	
Width	44.7 cm
Depth	49.5 cm
Height	8.9 cm
Weight	18.4 kg
Manufacturer Warranty	
Service & Support	Limited warranty - parts - 3 years
Environmental Parameters	
Min Operating Temperature	5 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)
Sound Emission	55 dBA

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