

HPE Modular Smart Array 2052 SAS Dual Controller SFF Storage

Solid state / hard drive array - 1.6 TB - 24 bays (SAS-3) - SSD 800 GB x 2 - rack-mountable - 2U

Group	Storage
Manufacturer	HPE
Manufacturer item no.	Q1J31B
EAN/UPC	0190017423760



Description

Looking for seriously simple and affordable flash storage? The HPE MSA 2052 SAN Storage is a hybrid flash system designed for affordable application acceleration for small and remote office deployments. Don't let the low cost fool you it gives you the combination of simplicity, flexibility and advanced features you many not expect in an entry-priced array.

Main features

Product Description	HPE Modular Smart Array 2052 SAS 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	614.4 TB
Maximum LUNs	512
Installed Devices / Modules Qty	2 (installed) / 24 (max)
Supported Drives	SAS-3
Storage Controller	RAID (SAS 12Gb/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, Apple MacOS X, Microsoft Windows, Red Hat Enterprise Linux, HP OpenVMS, Microsoft Windows Server 2012, VMware ESXi 5.x, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012 R2 with Hyper-V, VMware ESXi 6.x
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	17.6 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

General

Device Type	Solid state / hard drive array
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Enclosure Type	Rack-mountable - 2U
	Chassis
Installed Devices / Modules Qty	2
Supported Devices / Modules Qty	24
Supported Drives	SAS-3
	Storage
Total Array Capacity	1.6 TB
Max Supported Capacity	614.4 TB
Maximum LUNs	512
	Processor
CPU	No CPU
	Storage Controller
Type	RAID (iSCSI)
Installed Qty	2
Interface Type	SAS 12Gb/s
Data Transfer Rate	1.2 GBps
Cache / Buffer Size (Max)	8 GB
RAID Level	RAID 1, RAID 5, RAID 6, RAID 10
	Storage Controller (2nd)
Installed Qty	2
	Hard Drive
Type	SSD
Capacity	2 x 800 GB
Features	Mixed-Use
	Expansion / Connectivity
Expansion Bays	24 (total) / 22 (free) - 2.5" SFF
Interfaces	8 x SAS 12Gb/s - Mini SAS HD (SFF-8644) 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, Apple MacOS X, Microsoft Windows, Red Hat Enterprise Linux, HP OpenVMS, Microsoft Windows Server 2012, VMware ESXi 5.x, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012 R2 with Hyper-V, VMware ESXi 6.x
	Miscellaneous
Features	Systems Insight Manager (SIM)
Software Included	HPE Advanced Data Services Suite, HPE 3PAR Virtual Copy, HPE MSA Remote Snap Software
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
Voltage Required	AC 120/230 V - 50/60 Hz
Power Consumption Operational	374 Watt

Dimensions & Weight

Width	44.7 cm
Depth	49.5 cm
Height	8.9 cm
Weight	17.6 kg

Manufacturer Warranty

Service & Support	Limited warranty - parts - 3 years
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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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