

Produktinformation



Information

<i>Tillverkare</i>	Hewlett Packard Enterprise
<i>Artnr</i>	Q1J00AR

HPE Modular Smart Array 2050 SAN Dual Controller LFF Storage - Hard drive array - 12 bays (SAS-2) - rack-mountable - 2U - remarketed

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.

Specifikation

General

Status	W2
Device Type	Hard drive array
Device Type	Hard drive array
Enclosure Type	Rack-mountable - 2U
Enclosure Type	Rack-mountable - 2U

Chassis

Installed Devices / Modules Qty	0
Installed Devices / Modules Qty	0
Supported Devices / Modules Qty	12
Supported Devices / Modules Qty	12
Supported Drives	SAS-2
Supported Drives	SAS-2

Storage

Max Supported Capacity	120 TB
Maximum LUNs	512

Storage Controller	
Type	RAID
Processor	
CPU	No CPU
Storage Controller	
Type	RAID (iSCSI)
Installed Qty	2
Installed Qty	2
Interface Type	SAS 6Gb/s
Interface Type	SAS 6Gb/s
Data Transfer Rate	600 MBps
Data Transfer Rate	600 MBps
Cache / Buffer Size (Max)	8 GB
Cache / Buffer Size (Max)	8 GB
Expansion / Connectivity	
Expansion Bays	12 (total) / 12 (free) - 3.5" LFF
Storage Controller	
RAID Level	RAID 1, RAID 5, RAID 6, RAID 10
RAID Level	RAID 1, RAID 5, RAID 6, RAID 10
Expansion / Connectivity	
Interfaces	2 x mini-USB 2.0 (management) 2 x management - RJ-45 2 x SAS
Storage Controller (2nd)	
Installed Qty	2
Installed Qty	2
Expansion / Connectivity	
Expansion Bays	12 (total) / 12 (free) - 2.5" SFF
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)
Features	Systems Insight Manager (SIM)
Expansion / Connectivity	
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, 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	
Compliant Standards	CISPR 22 Class A, CISPR 24, EN55022, GS, 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, EN61000-3-3, EN61000-3-2
Compliant Standards	CISPR 22 Class A, CISPR 24, EN55022, GS, 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, EN61000-3-3, EN61000-3-2
Environmental Standards	
ENERGY STAR Certified	Yes
ENERGY STAR Certified	Yes
Power	
Power Device	2 x internal power supply - hot-plug
Power Device	2 x internal power supply - hot-plug
Max Supported Qty	2
Max Supported Qty	2
Miscellaneous	
Pricing Type	Remarketed
Power	
Power Redundancy	Yes
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Voltage Required	AC 120/230 V - 50/60 Hz
Voltage Required	AC 120/230 V - 50/60 Hz
Power Consumption Operational	390 Watt
Dimensions & Weight	
Width	44.7 cm
Depth	57.2 cm
Power	
Power Consumption Operational	344 Watt
Dimensions & Weight	
Width	73.6 cm
Height	8.9 cm

Depth	66 cm
Weight	18.4 kg
Height	28 cm

Manufacturer Warranty

Service & Support	Limited warranty - parts - 3 years
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Dimensions & Weight

Weight	26.3 kg
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Environmental Parameters

Min Operating Temperature	5 °C
Min Operating Temperature	5 °C
Max Operating Temperature	40 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)
Humidity Range Operating	10 - 90% (non-condensing)
Sound Emission	55 dBA
Sound Emission	55 dBA