HPE MSA 1050 8GB FIBRE CHANNEL DUAL CONTROLLER SFF STORAGE (Q2R19B)

MSA Storage

OVERVIEW

Need a modern shared storage array which is flash-ready when you are and affordable with what's left of a small budget? The HPE MSA 1050 SAN Storage brings affordable flash storage down to the most price sensitive customers. Designed to meet entry-level storage requirements, the HPE MSA 1050 SAN Storage is a good fit for budget constrained customers. With one of the lowest entry price point in the Hewlett Packard Enterprise Storage portfolio and field-proven HPE ProLiant compatibility, the HPE MSA 1050 SAN Storage is the platform of choice for smaller IT workloads. The HPE MSA 1050 SAN Storage features iSCSI, FC and SAS host interface connectivity at previously unattainable entry price points. This storage allows users to take advantage of the latest storage technologies while also providing a balance between performance and budget. This portfolio has been the industry-leading entry storage FC platform [1] for the past eight years, with over 500,000 storage systems sold worldwide.

FEATURES

Affordable, Flash-ready Storage

The HPE MSA 1050 SAN Storage base unit comes factory-configured with dual-controller arrays, four host ports delivering 8 Gb Fibre Channel, 1GbE iSCSI, 10GbE iSCSI or 12 Gb SAS.

Moving to a modern flash-ready array delivers performance enhancement and decreased latencies. Advanced data services and a small investment in flash can take your organization to the next level.

Simple, Proven HPE ProLiant Gen10 server Compatible Shared Storage

The HPE MSA 1050 SAN storage continues its heritage of providing affordable, easy to use shared storage without a big learning curve with its intuitive setup and management for HPE ProLiant Server administrators.

Matching industrial design to fit right in with your HPE ProLiant Gen10 servers.

Advanced Virtualization Services with a Simplified Licensing Approach

The HPE MSA 1050 SAN storage leverages flash with easy to use, easy to maintain tiering and read cache technologies.

No storage expertise necessary; this system dynamically responds to workload changes so you don't have to.

Expandable and Upgradable to Meet New Demands

With the HPE MSA 1050 SAN storage, you can add additional hard disk drives (HDDs) or disk expansions to your HPE MSA 1050 SAN storage or upgrade to the HPE MSA 2050 SAN storage through data-in-place upgrades; a simple 15 minute upgrade.

No migrations required making it a lot easier to install and manage.

Technical specifications   HPE MSA 1050 8Gb Fibre Channel Dual Controller SFF Storage

Product Number (SKU)	Q2R19B
Capacity	672 TB maximum including expansion, depending on model
Drive description	96 SFF or 48 LFF Maximum including expansion, depending on model
Host interface	8 Gb Fibre Channel, 4-ports per system or 1 Gb iSCSI, 4-ports per system or 10 Gb iSCSI, 4-ports per system or 12 Gb SAS, 4-ports per system, depending on model
Storage controller	(2) HPE MSA 1050 2-port 8 Gb FC Controllers or (2) HPE MSA 1050 2-port 1 Gb iSCSI Controllers or (2) HPE MSA 1050 2-port 10 Gb iSCSI Controllers or (2) HPE MSA 1050 2-port 12 Gb SAS Controllers, depending on model
Storage expansion options	HPE MSA 2050 SFF Disk Enclosure or HPE MSA 2050 LFF Disk Enclosure
Clustering support	Windows, Linux, HP-UX
SAN backup support	Yes
Storage mirroring support	No
Systems Insight Manager support	Yes
Compatible operating systems	Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Red Hat Linux, SuSE SLES Linux, VMware, HP-UX. Detailed information available at: http://www.hpe.com/storage/spock
Form factor	2U rack height
Product Dimensions (metric)	8.9 x 49.5 x 44.7 cm
Weight	17.55 kg
Warranty	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to http://www.hpe.com/storage/warranty

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

Operational Services from HPE Pointnext Services

HPE Pointnext Tech Care provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

- **HPE Datacenter Care** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.

- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more

- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

Defective Media Retention is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

HPE Education Services delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.
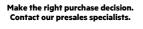
HPE GREENLAKE

HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

[1] Source: IDC WW Quarterly Enterprise Storage Systems Tracker, 4Q16, based on vendor revenues.

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