



Hewlett Packard
Enterprise

HPE MSA 2052 SAN DUAL CONTROLLER LFF STORAGE (Q1J02B)

MSA Storage



WHAT'S NEW

- New TAA-compliant HPE MSA 2052 Dual Controller Storage Array models including support for SAN SFF, SAN LFF, SAS SFF and SAS LFF.

OVERVIEW

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 may not expect in an entry-priced array. Start with 1.6 TB of flash capacity included and scale as needed with any combination of solid state disks (SSD), high-performance enterprise, or lower-cost midline SAS-based drives. The HPE MSA 2052 SAN Storage has been the

industry-leading entry storage Fibre Channel (FC) platform for the past eight years, with nearly 500,000 systems sold worldwide [1]. Delivering performance in excess of 200,000 IOPS, it can save you up to 40% [2] with an all-inclusive software suite and 1.6 TB of flash capacity included. It's seriously simple and affordable flash storage to help you get high performance for a low cost.

FEATURES

Affordable Application Acceleration

The HPE MSA 2052 SAN Storage performs in excess of 200,000 IOPS delivering outstanding application acceleration for small to medium-sized businesses either locally or remotely.

Delivers 2x more performance than the previous HPE MSA 2042 SAN Storage generation [2].

Save 40% on HPE MSA 2052 with all-inclusive software and 1.6 TB of Solid State Drive (SSD) capacity included.

Advanced Data Services with no Experience Required

The HPE MSA 2052 SAN Storage is easy to install, easy to use, easy to maintain, no storage previous expertise required.

Automated tiering dynamically responds to workload changes, so you don't have to.

Keep Your Business Running with Expanded Data Protection Features

The HPE MSA 2052 SAN Storage provides updated virtualized snapshot technology making data protection and instant recovery a snap.

Remote replication with Fibre Channel (FC) and iSCSI supports an affordable disaster recovery solution.

Grow Flexibly now and Into the Future

The HPE MSA 2052 SAN Storage delivers data-in-place upgrades protecting drive investments and reduces data migrations.

Start small and scale as needed with any combination of Solid State Drives (SSDs), enterprise or midline SAS disk drives.



Technical specifications**HPE MSA 2052 SAN Dual Controller LFF Storage**

Product Number (SKU)	Q1J02B
Capacity	Up to 168 TB LFF, maximum raw capacity
Drive description	Up to 12 LFF SAS/MDL and/or SAS/SSD
Host interface	16 Gb/8 Gb Fibre Channel 4-ports per controller or 1 GbE/10GbE iSCSI 4-ports per controller included
Storage controller	(2) HPE MSA 2050 SAN controllers included
Storage expansion options	Up to 7 HPE MSA 2050 LFF Disk Enclosures and/or HPE MSA 2050 SFF Disk Enclosures
Clustering support	Windows, Linux, HP-UX
SAN backup support	Yes
Storage mirroring support	Yes
Systems Insight Manager support	Yes
Compatible operating systems	Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Hyper-V, HP-UX, Red Hat Linux, SUSE Linux, VMware ESXi, OVMS. Detailed information available at: https://h20272.www2.hp.com/spock/
Form factor	2U
Minimum dimensions (H x W x D)	8.9 x 49.5 x 44.7 cm
Weight	18.4 kg
Warranty	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to https://support.hp.com/hpsc/wc/public/home .



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- [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.

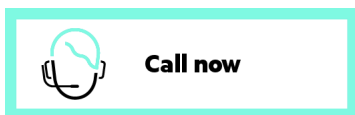
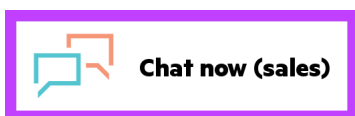
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[1] Source: IDC WW Quarterly Enterprise Storage Systems Tracker, 4Q16, based on vendor revenues.

[2] Performance based on comparison of HPE MSA 2042 SAN Storage to the HPE MSA 2052 SAN Storage systems using 16 Gb Fibre Channel 'Virtual' storage, Mixed Use SSDs, RAID 1, 8K Random Reads and Writes. IOPS: MSA 2052 Random Reads 220,600 MSA 2042 Random Reads 96,000 Improvement: 2.3x MSA 2052 Random Writes 102,800 MSA 2042 Random Writes 40,500 Improvement: 2.5x

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
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