

HPE MSA 2052 SAN STORAGE

Disk Storage Systems



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 many 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

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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.

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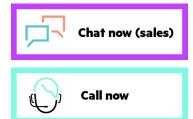
Technical specifications HPE MSA 2052 SAN Storage Capacity $614\ TB\ SFF$ or $1342\ TB\ LFF$, maximum raw capacity depending on model **Drive description** $192\ SFF\ SAS/MDL\ SAS/SSD\ or\ 96\ LFF\ SAS/MDL\ SAS/SSD,\ maximum\ including\ expansion,\ supported,$ depending on model **Host interface** 16Gb/8Gb Fibre Channel (8) Ports per system,1GbE/10GbE iSCSI (8) Ports per system or 12Gb SAS (8) Ports per system depending on model Storage controller (2) HPE MSA 2050 SAN Controllers or (2) HPE MSA 2050 SAS Controllers depending on model Storage expansion options HPE MSA 2050 LFF Disk Enclosure or HPE MSA 2050 SFF Disk Enclosure **Clustering support** Windows, Linux, HP-UX **SAN backup support** Yes Systems Insight Manager support Yes Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Compatible operating systems Windows Server 2012 R2, Microsoft Windows Hyper-V, HP-UX, Red Hat Linux, SUSE Linux, VMware ESXi, OVMS. Detailed information available at: http://www.hpe.com/storage/spock Form factor 2U Minimum dimensions (H x W x D) 8.9 x 49.5 x 44.7 cm Weight 18.4 kg Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer Warranty

to http://h20564.www2.hpe.com/hpsc/wc/public/home.

For additional technical information, available models and options, please reference the QuickSpecs

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HPE POINTNEXT

<u>HPE Pointnextleverages</u> our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- HPE Datacenter Careoffers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care**is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- HPE Foundation Carehelps when there is a hardware or software problem
 offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Serviceshelps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

HPE GREENLAKE

<u>HPE Greenlake</u> is an as-a-service offering that delivers on-demand capacity and planning, combining the agility and economics of public cloud with the security and performance of on-premises IT.

[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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