



Hewlett Packard
Enterprise

HPE MSA 2060 12GB SAS LFF STORAGE (R0Q77A)

MSA Storage



WHAT'S NEW

- LFF and SFF 2060 array models featuring four (4) 10GBase-T iSCSI host ports per controller with integrated RJ45 Ethernet ports, eliminating the need for SFPs and lowering user total cost of ownership.
- Up to a 34% performance increase (IOPs) with latest IN110 firmware release for HPE MSA Gen6 2060 and 2062 array models.
- 18 TB capacity 7.2K LFF SAS hard drive, single drive and six-pack options, available for HPE MSA 2060 LFF array and HPE

OVERVIEW

Is your company looking for easy to use, affordable, high-performance shared storage?

The HPE MSA 2060 Storage is a flash-ready hybrid storage system designed to deliver hands-free, 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 small and scale as needed with any combination of solid state drives (SSDs), high-performance Enterprise SAS HDDs, or lower-cost Midline SAS HDDs. With the ability to deliver 325,000 IOPS, the new HPE MSA 2060 is

MSA 2060 LFF expansion drive enclosure.

- New disk group type (MSA DP+) that increases availability, dramatically decreases RAID rebuild times, improves performance, simplifies setup and provides more granular expansion of disk pools.
- New 18 TB capacity 7.2K LFF SAS hard drive, single drive and six-pack options, available for MSA 2060 LFF array and MSA 2060 LFF expansion drive enclosure.

up to 32% faster than its prior generation with ample horsepower for even the most demanding workloads.

FEATURES

Accelerate Applications Affordably

The HPE MSA 2060 is capable of delivering over 325,000 IOPS for affordable application acceleration for small to medium-sized businesses.

The HPE MSA 2060 allows users to define and deploy hybrid or flash storage configurations day one and grow as their needs change.

MSA's 'Set and Forget' Data Services Does not Require a Dedicated Storage Administrator to Manage

The HPE MSA 2060 Storage is easy to install, easy to use, easy to maintain, even for an IT generalist. Administrators will find the MSA 2060's new Storage Management Utility intuitive and easy to navigate.

HPE MSA's automated tiering engine dynamically responds to workload changes so you don't have to, insuring the hottest data will be moved to the fastest media automatically and in real-time.

Leverage Data Protection Features to Keep your Business Running in the Event of a Disaster

The HPE MSA 2060 Storage delivers virtualized snapshot technology making data protection and instant recovery a snap.

Remote replication via Fibre Channel (FC) or iSCSI facilitates affordable disaster recovery solution.

Encrypted SSDs and HDDs with local key management can be deployed to deliver a secure, encrypted hybrid flash array.

Flexible, Modular Architecture that Facilitates Growth into the Future

The HPE MSA 2060 Storage solution supports a mixture of 3.5 inch LFF and 2.5 inch SFF expansion enclosures for a maximum of 9 enclosures (10 total including the array).

Start small and scale as needed with any combination of SSDs, Enterprise SAS or MidLine SAS HDDs.



Technical specifications**HPE MSA 2060 12Gb SAS LFF Storage**

Product Number (SKU)	R0Q77A
Capacity	1045.44 TB with SFF expansion / 2160 TB with LFF expansion (with maximum expansion)
Drive description	Up to 12 LFF HDD and/or SSD per array model
Host interface	8-ports 12Gb SAS, 4 ports per controller
Storage controller	(2) HPE MSA 2060 12Gb SAS storage controllers, 4-ports each
Storage expansion options	24 drive bay 2060 SFF disk enclosure and/or 12 drive bay 2060 LFF disk enclosure (add up to 9)
Clustering support	Yes
SAN backup support	Yes
Storage mirroring support	Yes
Systems Insight Manager support	Yes
Compatible operating systems	Windows Server 2019 Windows Server 2016 VMWare vSphere 6.7 Red Hat Linux 8 SuSE SLES 15
Form factor	2U
Energy efficiency	Energy Star Compliant
Product Dimensions (metric)	8.9 x 44.5 x 50.8 cm
Weight	5 kg
Warranty	Three-year limited warranty, parts exchange next business day delivery. Disk enclosures, hard drives and Options for the HPE MSA 2060 carry their own 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.



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

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] Based on internal testing. See MSA QuickSpecs for details www.hpe.com/storage/msa

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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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