



# HPE MSA 2060 12GB SAS SFF STORAGE (R0Q78A)

## MSA Storage



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### 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 SFF Storage

<b>Product Number</b>	R0Q78A
<b>Capacity</b>	921.6 TB with SFF expansion / 2036.16 TB with LFF expansion (with maximum expansion)
<b>Drive description</b>	Up to 24 SFF HDD and/or SSD per array model
<b>Host interface</b>	8-ports 12Gb SAS, 4 ports per controller
<b>Storage controller</b>	(2) HPE MSA 2060 12Gb SAS storage controllers, 4-ports each
<b>Storage expansion options</b>	24 drive bay 2060 SFF disk enclosure and/or 12 drive bay 2060 LFF disk enclosure (add up to 9)
<b>Clustering support</b>	Yes
<b>SAN backup support</b>	Yes
<b>Storage mirroring support</b>	Yes
<b>Systems Insight Manager support</b>	Yes
<b>Compatible operating systems</b>	Windows Server 2019 Windows Server 2016 VMWare vSphere 6.7 Red Hat Linux 8 SuSE SLES 15
<b>Form factor</b>	2U
<b>Energy efficiency</b>	Energy Star Compliant
<b>Product Dimensions (metric)</b>	8.9 x 44.5 x 50.8 cm
<b>Weight</b>	5 kg
<b>Warranty</b>	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.



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

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### 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 Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[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.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## HPE GREENLAKE

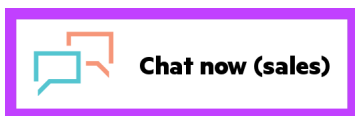
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If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

[1] Based on internal testing. See MSA QuickSpecs for details [www.hpe.com/storage/msa](http://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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