



**Hewlett Packard**  
Enterprise

# HPE MSA 1060 12GB SAS SFF STORAGE (R0Q87B)

## MSA Storage



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### WHAT'S NEW

- Updated HPE MSA 1060 Gen6 Storage Array models and HPE MSA 2060 Drive Enclosure options with 94% efficient power supplies that meet EU Lot9 2023 power efficiency requirements.
- Improved array performance that provides more IOPS, more bandwidth and expanded backend connectivity.

### OVERVIEW

Need a modern shared storage array which is flash-ready and affordable with what's left of a small budget?

The HPE MSA 1060 Storage brings affordable flash storage down to the most price sensitive customers. Designed to meet entry-level storage requirements, the HPE MSA 1060 Storage is a good fit for budget constrained customers. With one of the lowest entry price points in the Hewlett Packard Enterprise Storage portfolio and field-proven HPE ProLiant compatibility,

- Up to 55% increase [1] on IOPS, and up to 100% improvement on sequential throughput vs MSA Gen5 (depending on host protocol).
- 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 through the 2060 2U LFF expansion drive enclosure.

the HPE MSA 1060 Storage is the platform of choice for smaller IT workloads. The HPE MSA 1060 Storage features 10G-BaseT iSCSI, FC and SAS host interface connectivity at previously unattainable entry price points. The MSA 1060 allows users to take advantage of the latest storage technologies while also providing a balance between performance and budget.

## FEATURES

### **Accelerate Applications Affordably**

The HPE MSA 1060 Storage is capable of delivering over 150,000 IOPS for affordable application acceleration for small to medium-sized businesses and deployments.

The MSA 1060 platform delivers allows users to define and deploy hybrid or flash configurations from day one and grow as needs change.

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

The HPE MSA 1060 Storage is easy to install, easy to use, easy to maintain, even for an IT generalist. Administrators will find the MSA 1060'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 1060 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.

### **Flexible, Modular Architecture that Facilitates Growth into the Future**

The HPE MSA1060 Storage solution supports a combination of 3.5 inch (LFF) and 2.5 inch (SFF) 2060 expansion enclosures to a maximum of 3 (4 total including the 1060 array) enclosures.

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



**Technical specifications****HPE MSA 1060 12Gb SAS SFF Storage**

<b>Product Number</b>	R0Q87B
<b>Capacity</b>	368.64 TB with SFF expansion, 740.16 TB with LFF expansion
<b>Drive description</b>	Up to 24 SFF HDD and/or SSD on all 1060 array models
<b>Host interface</b>	4-ports 12Gb SAS
<b>Storage controller</b>	(2) HPE MSA 1060 12Gb SAS Storage controllers, 2-ports each
<b>Storage expansion options</b>	24 drive bay 2060 SFF disk enclosure or 12 drive bay 2060 LFF disk enclosure (add up to 3)
<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 2022 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>	No
<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 1060 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

[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](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.

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[PSN1014678385USEN](#), September, 2022.