



# HPE MSA 1060 10GBASE-T ISCSI SFF STORAGE (R0Q86A)

## MSA Storage



### WHAT'S NEW

- New 6th Gen MSA storage architecture with new HW and SW features including Tiering 2.0, RAID protection scheme (MSA DP+), a new web interface, and data management through a new RESTful interface.
- Improved array performance that provides more IOPS, more bandwidth and expanded backend connectivity.
- 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.

### 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, 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 supports a combination of 3.5 inch LFF and 2.5 inch SFF base enclosures to a maximum of 3 (4 including base system) enclosures.

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



**Technical specifications****HPE MSA 1060 10GBASE-T iSCSI SFF Storage**

<b>Product Number (SKU)</b>	R0Q86A
<b>Capacity</b>	368 TB
<b>Host interface</b>	4-ports 10GBaseT iSCSI
<b>Storage controller</b>	(2) HPE MSA 1060 10GBaseT iSCSI Storage controllers
<b>Storage expansion options</b>	24 drive bay SFF disk enclosure or 12 drive bay LFF disk enclosure
<b>Clustering support</b>	No
<b>SAN backup support</b>	Yes
<b>Storage mirroring support</b>	Yes
<b>Systems Insight Manager support</b>	No
<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>Minimum dimensions (H x W x D)</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](#)

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- [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] 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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