

# HPE MSA 1050 SAN Storage

HPE MSA 1050 12Gb SAS Dual Controller SFF Storage SMB Offer  
(MSA1050-002)



## Overview

Need a modern shared storage array which is flash-ready when you are and affordable with what's left of a small budget? The HPE MSA 1050 SAN Storage brings affordable flash storage down to the most price sensitive customers. Designed to meet entry-level storage requirements, the HPE MSA 1050 SAN Storage is a good fit for budget constrained customers. With one of the lowest entry price point in the Hewlett Packard Enterprise Storage portfolio and field-proven HPE ProLiant compatibility, the HPE MSA 1050 SAN Storage is the platform of choice for smaller IT workloads. The HPE MSA 1050 SAN Storage features iSCSI, FC and SAS host interface connectivity at previously unattainable entry price points. This storage allows users to take advantage of the latest storage technologies while also providing a balance between performance and budget. This portfolio has been the industry-leading entry storage FC platform [1] for the past eight years, with over 500,000 storage systems sold worldwide.

## Features

### Affordable, Flash-ready Storage

The HPE MSA 1050 SAN Storage base unit comes factory-configured with dual-controller arrays, four host ports delivering 8 Gb Fibre Channel, 1GbE iSCSI, 10GbE iSCSI or 12 Gb SAS.

Moving to a modern flash-ready array delivers performance enhancement and

decreased latencies. Advanced data services and a small investment in flash can take your organization to the next level.

### **Simple, Proven HPE ProLiant Gen10 server Compatible Shared Storage**

The HPE MSA 1050 SAN storage continues its heritage of providing affordable, easy to use shared storage without a big learning curve with its intuitive setup and management for HPE ProLiant Server administrators.

Matching industrial design to fit right in with your HPE ProLiant Gen10 servers.

### **Advanced Virtualization Services with a Simplified Licensing Approach**

The HPE MSA 1050 SAN storage leverages flash with easy to use, easy to maintain tiering and read cache technologies.

No storage expertise necessary; this system dynamically responds to workload changes so you don't have to.

### **Expandable and Upgradable to Meet New Demands**

With the HPE MSA 1050 SAN storage, you can add additional hard disk drives (HDDs) or disk expansions to your HPE MSA 1050 SAN storage or upgrade to the HPE MSA 2050 SAN storage through data-in-place upgrades; a simple 15 minute upgrade.

No migrations required making it a lot easier to install and manage.

## Technical specifications

## HPE MSA 1050 12Gb SAS Dual Controller SFF Storage SMB Offer

<b>Product Number</b>	MSA1050-002
<b>Drive description</b>	MSA 7.2TB SAS 12G Enterprise 10K SFF (2.5in) 3yr Wty 512n 6-pack HDD Bundle
<b>Capacity</b>	672 TB maximum including expansion, depending on model
<b>Host interface</b>	12 Gb SAS 4-ports
<b>Storage controller</b>	2 HPE MSA 1050 2-port 12 Gb SAS Controller
<b>Compatible operating systems</b>	Microsoft Windows Server 2019 Microsoft Windows Server 2016 Microsoft Windows Server 2012 Red Hat Linux SuSE SLES Linux VMware HP-UX
<b>Form factor</b>	2U rack height
<b>Product dimensions (metric)</b>	8.9 x 49.5 x 44.7 cm
<b>Weight</b>	17.55 kg
<b>Warranty</b>	Three-year limited warranty, parts exchange Next Business day delivery. For more warranty information refer to <a href="http://www.hpe.com/storage/warranty">http://www.hpe.com/storage/warranty</a>

[1] Source: IDC WW Quarterly Enterprise Storage Systems Tracker, 4Q16, based on vendor revenues.



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

**HPE Services**

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

**Consulting services**

Experts can help you map out your path to hybrid cloud and optimize your operations.

**Managed services**

HPE runs your IT operations, giving you unified control, so can focus on innovation.

**Operational services**

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

**Lifecycle Services**

Address your specific IT deployment project needs with tailored project management and deployment services.

**HPE Education Services**

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

**HPE GreenLake**

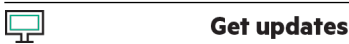
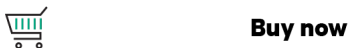
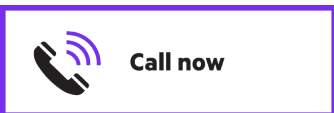
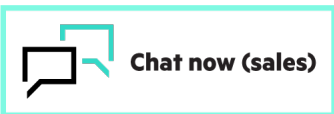
HPE GreenLake edge-to-cloud platform is HPE’s market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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

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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 [PSN1012555930ZAEN](#), August, 2024.