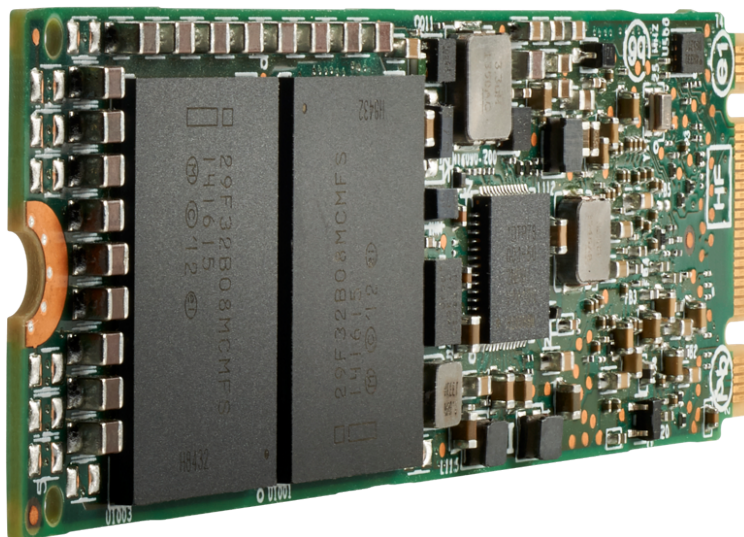


HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives

HPE 480GB NVMe Gen4 Mainstream Performance Read Intensive M.2 PM9A3 SSD (P69543-K21)



What's new

- Launching HPE 480GB NVMe RI M.2 PM9A3 SSD

Overview

Do you need to accelerate the performance of your read intensive applications?

HPE NVMe M.2 Mainstream Intensive Solid State Drives offer enterprise customers high performance with consistently low latency for faster business outcomes. Solid state drives deliver faster load times for today's demanding applications and workloads. Because of the technology used, SSDs are lighter and better able to withstand movement and droppage. In addition, solid state drives use less energy, allowing computers to run cooler. Because SSDs use nonvolatile storage media that stores persistent data on solid-state flash memory, file copy/write speeds are faster as well.

Features

Enhanced Security and Ongoing Monitoring

HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives feature Digitally Signed Firmware to prevent data loss and malicious attacks by verifying that drive firmware comes from a trusted source.

HPE Smart SSD Wear Gauge with management tools monitors the lifespan of an SSD and prevents data loss.

Increase Reliability

HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives prevent unexpected data loss with the HPE Smart Carrier, featuring a "do not remove" button and intuitive icons that report drive activity at-a-glance.

HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives deliver high availability with power loss protection that continues to protect your data even when the data center loses power.

Hewlett Packard Enterprise Solid State Drives are rigorously tested over 3 million hours in various environments to achieve the quality standards you need. [1]

Accelerate Performance

The HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives features incredible speed of data transfer, diminutive size, and flexibility of the M.2 expansion slot, making it a perfect match for booting the platforms.

HPE Multi Vendor offerings provide shorter lead times to available HPE NVMe M.2 Mainstream Performance Read Intensive Solid State Drives supplies and verifies the M.2 SSD selected delivers the minimum level of performance published, or better.



Technical specifications**HPE 480GB NVMe Gen4 Mainstream Performance
Read Intensive M.2 PM9A3 SSD**

Product Number	P69543-K21
Lifetime writes	1
Endurance DDPD (Drive Writes Per Day)	876
Read IOPS	Random Read IOPS (4KiB, Q=16)=106,393 Max Random Read IOPS (4KiB)=135,000@Q256
Write IOPS	Random Write IOPS (4KiB, Q=16)=20,000 Max Random Write IOPS (4KiB)=20,000@Q256
Power (Watts)	3.7
Plug type	Non Hot Pluggable
Height	2280 mm
Platform supported	HPE Storage Platforms
Product dimensions	10.8 x 15.88 x 3.75 cm
Weight	0.5 kg
Warranty	HPE Solid State Drives and Add-In Cards have a standard 3/0/0 warranty Customer Self Repair (CSR) subject to maximum usage limitations. Maximum usage limit is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for warranty coverage

[1] HPE internal lab testing. 3 million hour test quant is derived from a combination of drive qualification test plans, specifically HDDQ spec-supplier responsibility to perform, HDDQ spec-HPE responsibility to perform, Reliability Demonstration Test (RDT) spec, CSI integration test spec and pilot test requirements.



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

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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 you 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](#).

Explore **HPE GreenLake**



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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
[PSN1014814629WWEN](#), August, 2024.