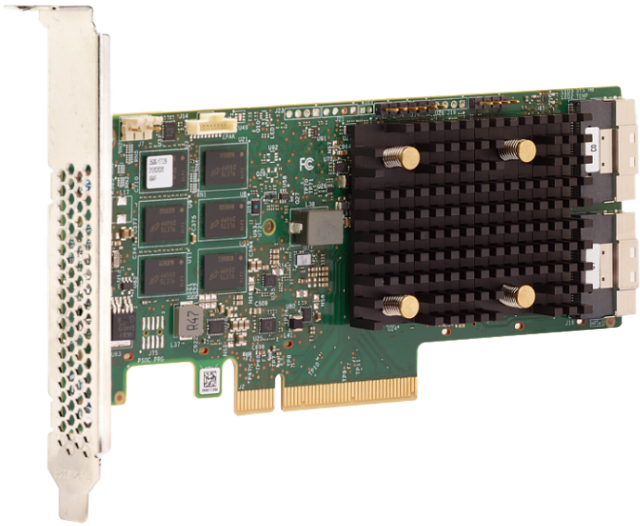
HPE MR216i-p Gen10 Plus x16 Lanes without Cache NVMe/SAS 12G Controller (P26324-B21)



Overview

Does your data center, cloud, or high-performance computing (HPC) environment require increased storage capacity protection, flexibility, and performance for today's application demands?

Data center, cloud, and HPC environments require large amounts of storage capacity, that provide the protection, flexibility, and performance that today's applications demand. HPE MR Gen10 Plus Controllers offer 12Gb/s SAS / SATA / PCIe (NVMe) Gen4 Tri-Mode support with 16 and 8 internal ports to address the needs by delivering more performance and RAID data protection for high-end server storage

applications.
These controllers are the first RAID adapters to offer PCIe Gen4 host and PCIe Gen4 storage interfaces which enables high bandwidth and more IOPS. Also, the Tri-Mode SerDes technology enables operation of NVMe, SAS, or SATA devices in a single drive bay operating in all modes concurrently, seamlessly negotiating between speeds and protocols.

Features

Powerful Performance

HPE MR Gen10 Plus Controllers feature the MR416i-a Gen10 Plus, MR416i-p Gen10 Plus, MR216i-a Gen10 Plus, and MR216i-p Gen10 Plus controllers with impressive performance, including up to 13,700 Mbs of bandwidth, 3 million random read IOPS, and 240K RAID5 random write IOPS.

2nd Generation Tri-Mode SerDes

HPE MR Gen10 Plus Controllers are enabled with SerDes for exceptional support of NVMe4/SAS3/SATA protocols.

With Tri-Mode support, achieve the scalability and flexibility you need for shifting business environments.

Enhanced Security

HPE MR Gen10 Plus Controllers are built with the Silicon Root of Trust from HPE for firmware authentication and support for self-encrypting drives to help ensure protection for data at rest and prevention of malware.

Software Supported

HPE MR Gen10 Plus Storage Controllers support all major OS's including but not limited to Windows, Linux®, and VMware®; full tool suite, including command line interface, web-based management, and out-of-band management support.

Technical specifications

HPE MR216i-p Gen10 Plus x16 Lanes without Cache NVMe/SAS 12G Controller

Product Number	P26324-B21
Transfer rate	PCIe Gen4 host / Gen4 NVMe / Gen 3 SAS/SATA
Form factor	(MR416i-p Gen10 Plus / MR216i-p Gen10 Plus) – Standard HHHL PCIe plug-in Controller (MR416i-a Gen10 Plus / MR216i-a Gen10 Plus) – Type-a Modular Controller
Ports	2x8 host / x16 internal tri-mode
Cache	4 GB (MR416i-a Gen10 Plus, MR416i-p Gen10 Plus)
RAID levels	0, 1, 10
Servers supported	See HPE MR Gen10 Plus Controllers QuickSpecs for more detail
Additional features	See HPE MR Gen10 Plus Controllers QuickSpecs
Certifications	See HPE MR Gen10 Plus Controllers QuickSpecs
Secure encrypted drives	Supported
Storage protocol	SATA / SAS / NVMe
Storage management	MegaRAID Storage Administrator (MRSA), StorCLI, HII, Redfish (Inventory and Events)
Product dimensions	12.1 cm
Weight	0.135 kg
Warranty	The warranty for this device is 3-years parts only.

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

Make the right purchase decision. Contact our presales specialists.

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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 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.

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Image may differ from the actual product

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