



# **HPE ETHERNET 100GB 1-PORT QSFP28 PCIE3 X16 MCX515A-CCAT ADAPTER (P31246-B21)**

## **Host Adapters**

### **OVERVIEW**

Is your data center constantly challenged to deliver increased security and reliability in a cost-effective and scalable solution for your network bandwidth?

The HPE Gen10 Plus Ethernet adapters are 1 Gb, 10 Gb, 10/25 Gb, 100 Gb, and 200 Gb Ethernet solutions that are scalable and compatible with HPE Gen10 Plus servers for hybrid cloud services, mobile data, and streaming video applications.

Your server is the foundation of your data center, but it doesn't work alone. When one link in your component chain slows down, so does the rest of your operation. Keep your network and data flowing with a seamless ecosystem of HPE servers, networking adapters, transceivers, cables, and switches.

### **FEATURES**

#### **Better Performance**

HPE Gen10 Plus Ethernet adapters are engineered for an assortment of bandwidths and latency-sensitive applications.

The adapters reduce CPU utilization with support for a variety of I/O offloads including remote direct memory access (RDMA) and tunneling.

**Reliability and Security**

HPE Gen10 Plus Ethernet adapters authenticate updates for NICs, and help ensure that signed firmware is correct and trusted to reduce rogue firmware installation.

The adapters protect applications, data, and server infrastructure by authenticating digitally-signed firmware via a root-of-trust architecture.

**Technical specifications**

**HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter**

<b>Product Number</b>	P31246-B21
<b>Data rate</b>	100 Gb
<b>Bus type</b>	PCIe3 x16



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.

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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  
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