



# **HPE ETHERNET 100GB 1- PORT QSFP28 PCIE3 X16 MCX515A-CCAT ADAPTER (P31246-H21)**

## **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 1Gb, 10Gb, 10/25Gb and 100Gb 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.

Reduces CPU utilization with support for a variety of I/O offloads including RDMA and Tunneling.

### Reliability and Security

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

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

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**Product Number (SKU)**

P31246-H21

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

## HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

### Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [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.

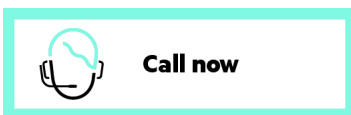
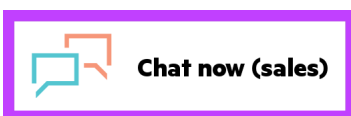
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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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