



HPE ETHERNET 100GB 1-PORT QSFP28 MCX515A-CCAT ADAPTER

Host Adapters



OVERVIEW

Do you have demanding workloads that require low latency? The HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT Adapter supports 100 Gb bandwidth that allows more network traffic and thus is ideal for telcos, cloud and service providers. This adapter has security features to keep out rogue updates that could slow you down. Plan for the future and get in the express lane with the 100 Gb adapter.

FEATURES

Speed Up Network-intensive Applications

The HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT Adapter drives I/O per server with hardware-based I/O virtualization expediting data to its destination.

Offloads packet processing to reduce CPU utilization, and lower power with tunnel offloads (VXLAN and NVGRE) giving you efficiency and reduced power consumption.

Reduce Headaches with Less Complexity for a Smoother Data Ride

The HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT Adapter helps reduce CPU utilization and improve host VM density and server efficiency using remote direct memory access (RDMA) over Converged Ethernet (RoCEv2) for live migration and Microsoft® SMB Direct environments.

Improves small packet performance latency, with Data Plane Development Kit (DPDK), to help telcos and e-commerce companies conduct high-performance computing (HPC).

Protect from Rogue Updates

The HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT Adapter strengthens security through chain of trust and root of trust at the firmware level so your firmware is fortified from outside intrusions.

Authenticates updates which provide peace of mind that suspicious activity, including rogue firmware, will be detected before business impact occurs.

Technical specifications

HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT Adapter

Data rate	100Gb
Bus type	PCIe 3.0 x16
Form factor	Stand up
Product Dimensions (metric)	15.562 cm x 12.105 cm x 2.159 cm (L x W x H)
Weight	109.4g



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.

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

Make the right purchase decision.
Contact our presales specialists.

[Call for availability](#)



Chat now (sales)



Share now



Get updates

© Copyright 2022 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

Microsoft is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. All other third-party trademark(s) is/are property of their respective owner(s).

Image may differ from the actual product
[PSN1010836952PHEN](#), June, 2022.

**Hewlett Packard
Enterprise**