



# HPE ETHERNET 100GB 1-PORT QSFP28 MCX515A-CCAT ADAPTER (874253-B21)

## 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

<b>Product Number</b>	874253-B21
<b>Data rate</b>	100Gb
<b>Bus type</b>	PCIe 3.0 x16
<b>Form factor</b>	Stand up
<b>Product Dimensions (metric)</b>	15.562 cm x 12.105 cm x 2.159 cm (L x W x H)
<b>Weight</b>	109.4g



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

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**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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