

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

Product Number (SKU)	874253-B21
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



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Operational Services from HPE Pointnext Services

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- **[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](#).

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

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