



HPE ETHERNET 10GB 2-PORT SFP+ QL41401-A2G ADAPTER

Host Adapters



OVERVIEW

Do you need an adapter that is big on capability and small on CPU utilization?

The HPE Ethernet 10Gb 2-port SFP+ QL41401 Adapter has been designed to efficiently deliver high performance, low latency and minimal CPU utilization by offloading many I/O processing within the adapter. Low latency dramatically improves application performance and frees up CPU resources in the host allowing it to do more important tasks.

FEATURES

Improve CPU Utilization with Lower Latency

The HPE Ethernet 10Gb 2-port SFP+ QL41401 Adapter reduces CPU utilization and helps improve host virtual machine (VM) density and server efficiency using remote direct memory access (RDMA). It is supported by IWARP, RoCE and RoCEv2 protocols for VM migration and supports Microsoft® SMB Direct.

Delivers single root I/O virtualization (SR-IOV) with the ability to run a large number of virtual machines (VMs) per server, which reduces the need for hardware and the resultant costs of space and power required by hardware devices.

Enhance Performance and Lower Power Consumption

The HPE Ethernet 10Gb 2-port SFP+ QL41401 Adapter allows customers to use overlay networking which increases VM migration flexibility with minimal impact to performance and lower power usage with tunnel offloads (VXLAN, NVGRE, and GENEVE).

Accelerates transmission of small packet I/O processing with data plane development kit (DPDK).

Technical specifications

HPE Ethernet 10Gb 2-port SFP+ QL41401-A2G Adapter

Data rate	10 Gb
Bus type	PCIe Gen 3 x8
Form factor	Standup
Product Dimensions (metric)	6.2 x 21.49 x 24.69 cm
Weight	0.29 kg



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

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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.

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- Integrate and migrate
- Operate and improve
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- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

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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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