



# **HPE ETHERNET 10GB 2-PORT SFP+ QL41401-A2G ADAPTER (P08446-B21)**

## **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

<b>Product Number</b>	P08446-B21
<b>Data rate</b>	10 Gb
<b>Bus type</b>	PCIe Gen 3 x8
<b>Form factor</b>	Standup
<b>Product Dimensions (metric)</b>	21.49 x 24.69 x 6.2 cm
<b>Weight</b>	0.28 kg



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

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