



# HPE ETHERNET 10GB 2-PORT BASE-T QL41401-A2G ADAPTER

## Host Adapters



### OVERVIEW

Are you looking for a cost effective and seamless transition to 10Gb connectivity with proven security features in your data center? The HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter utilizes existing CAT 6A cabling and is backward compatible to 1GBASE-T infrastructure. This allows you to future-proof your server I/O connectivity and enable you to seamlessly transition from 1GbE to 10GbE connections. This adapter protects applications, data and server infrastructure from cyber-attacks by authenticating digitally signed firmware via a Root of Trust architecture. In addition, they offer Secure Boot, Device-level Firewall and other advanced security features.

### FEATURES

#### Future-Proof I/O Connectivity and Performance

The HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter provides a smooth transition from 1GBASE-T to 10GBASE-T with backward compatibility in your data center.

Reduces CPU utilization for I/O which improves performance by offloading

packet processing onto the adapter. This includes Universal RDMA capability that supports iWARP, RoCE and RoCEv2 protocols for low latency applications.

#### **Improve Network Virtualization Performance and Scalability**

The HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter improves virtual machine (VM) and network scalability by offloading virtual network management to the adapter via Tunnel Offloads (VXLAN, NVGRE, GRE, GENEVE)

Accelerates transmission of small packet I/O processing with DPDK

#### **Protect from Rogue Updates**

The HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter protects applications, data and server infrastructure from cyber-attacks by authenticating digitally signed firmware via a Root of Trust architecture.

Offer Secure Boot, Device-level Firewall and other advanced security features.

## Technical specifications

## HPE Ethernet 10Gb 2-port BASE-T QL41401-A2G Adapter

<b>Data rate</b>	10Gb
<b>Bus type</b>	PCIe Gen3 x8
<b>Form factor</b>	Standup



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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