

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

Data rate	10Gb
Bus type	PCIe Gen3 x8
Form factor	Standup



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

HPE POINTNEXT SERVICES

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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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- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- 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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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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