

# HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter (867328-B21)

Host Adapters



## Overview

Do you want to increase bandwidth and improve performance while reducing costs? The HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter supports 10GbE and 25GbE bandwidth capability which allows more network traffic and speed up network-intensive applications. Compared to a 10G implementation this adapter provides 150% more bandwidth with just a minimal price delta. This adapter has been designed to efficiently deliver high performance and low latency by offloading processing of Ethernet packets on the adapter. Freeing up CPU resources in the host allowing it to do more

important tasks.

## Features

### Improving CPU Utilization with Lower Latency

The HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter reduces CPU Utilization and helps improve host virtual machine (VM) density and server efficiency using remote direct memory access (RDMA) with support for 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 10/25Gb 2-port SFP28 QL41401-A2G 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, GRE).

### Prevent Unauthorized Access

The HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter stops unauthorized access to memory or storage with device-level firewall. This enforces that on-device firmware and configuration data can only be accessed by authorized agents.

Provides traceability into authenticated firmware updates by capturing changes in standard system logs.

Renders user and configuration data on the NIC irretrievable so that NICs can be safely repurposed or disposed of.

## Technical specifications

## HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter

<b>Product Number</b>	867328-B21
<b>Data rate</b>	10/25Gb
<b>Bus type</b>	PCIe 3.0 x8
<b>Form factor</b>	Standup
<b>Product Dimensions (metric)</b>	19.05 x 5.72 x 24.13 cm
<b>Weight</b>	0.45 kg
<b>Number of ports</b>	2



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

## HPE Pointnext Services

HPE Pointnext Services brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### 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

HPE Education Services delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

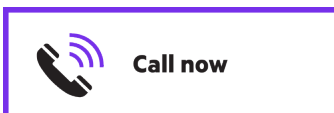
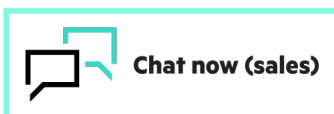
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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired,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

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