

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

Data sheet Page 2

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

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

HPE POINTNEXT SERVICES

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

Operational Services from HPE Pointnext Services

<u>HPE Pointnext Tech Care</u> provides fast access to product-specific experts, an Al-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 Datacenter Care helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- HPE Proactive Care offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more
- HPE Foundation Care helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

Defective Media Retention is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

HPE Education Services delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

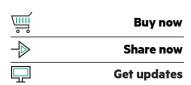
Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

For additional technical information, available models and options, please reference the QuickSpecs

Make the right purchase decision. Contact our presales specialists.

Call for availability







HPE GREENLAKE

<u>HPE Greenlake</u> is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like IT financing solutions, please explore them here.

© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

 $Parts \ and \ Materials: HPE \ will provide \ HPE-supported \ replacement \ parts \ and \ materials \ required \ to \ maintain \ the \ covered \ hardware.$

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.

Image may differ from the actual product PSN1009448105CZEN, August, 2021.