



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

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



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.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- 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.

HPE GREENLAKE

[HPE GreenLake](#) 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](#).

Make the right purchase decision.
Contact our presales specialists.

[Call for availability](#)



Chat now (sales)



Call now



Share now



Get updates



Hewlett Packard
Enterprise

© Copyright 2022 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.

Microsoft is a registered trademark of Microsoft Corporation.

Image may differ from the actual product
[PSN1011637510SAEN](#), October, 2022.