

HPE ETHERNET 10GB 2-PORT FLR-T BCM57416 ADAPTER (817721-B21)

Host Adapters



OVERVIEW

Are you looking for an easy and cost effective transition to 10GBASE-T with enhanced security features? The HPE Ethernet 10Gb 2-port BCM957416 Adapters utilize CAT 6A cabling with distances up to 100 meters and is backward compatible to existing 1GBASE-T infrastructure. This allows quick and easy incremental improvement of network speed without either changing the cables or major upgrade of equipment. These adapters help prevent, detect and recover from cyber attacks by protecting applications, data and server infrastructure 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

Protect Your Business Network and Your Data

The HPE Ethernet 10Gb 2-port BCM957416 Adapter provides traceability into authenticated firmware updates by capturing changes in standard system logs via Audit Logs.

Safeguards the NIC and verify no rogue drivers are being executed on start-up

Data sheet Page 2

with Secure Boot.

Authenticates updates for NICs that signed firmware is correct and trusted to reduce rogue firmware installation.

Increase I/O Bandwidth for Workload Intensive Applications

The HPE Ethernet 10Gb 2-port BCM57416 Adapter delivers single root I/O virtualization (SR-IOV) which increases virtual network performance while decreasing CPU utilization.

Reduces CPU Utilization and helps improve host VM density and server efficiency using remote direct memory access (RDMA) over Converged Ethernet (RoCE v2) for Live Migration, Microsoft SMB Direct environments.

Affordable Network Performance

The HPE Ethernet 10Gb 2-port BCM57416 Adapter provides a seamless performance upgrade from 1GBASE-T to 10GBASE-T with backward compatibility.

Offloads packet processing to reduce CPU utilization and lower power with Tunnel Offloads(VXLAN and NVGRE).

Speeds packet processing to service more I/O requests utilizing data plane development packet (DPDK).

Technical specifications

HPE Ethernet 10Gb 2-port FLR-T BCM57416 Adapter

Product Number (SKU)	817721-B21
Data rate	10Gb
Bus type	PCIe Gen3 x8

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.

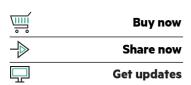
Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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 bardware

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 PSN1009448100CZEN, August, 2021.