



HPE ETHERNET 1GB 4-PORT BASE-T BCM5719 ADAPTER (647594-B21)

Server Adapters



OVERVIEW

Do you need a 1GbE adapter with low power, high port density and virtualization features?

The HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter features the next generation of Ethernet integration, offering a single chip solution that reduces power requirements and optimizes I/O slot utilization. It delivers full line-rate performance across all ports with low power consumption. The HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter is ideal for virtualization, security, server consolidation, network

segmentation, and other applications requiring maximum throughput and port density. The total aggregate throughput of 8 Gb meets the needs of customers desiring high bandwidth. The HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter supports advanced features such as Large Send and Receive offload capability, TCP checksum and segmentation, VLAN tagging, MSI-X, jumbo frames, IEEE 1588, and virtualization features such as VMware NetQueue and Microsoft VMQ.

FEATURES

Designed for Maximum Throughput and High Port Density.

An aggregate, full duplex transfer rate of 8 Gb/s per adapter delivers outstanding network performance that improves response time and removes bottlenecks.

Comprehensive stateless offloads optimize host efficiency and VM density by leaving host CPU available for other duties.

Virtualization support for VMware NetQueue and Microsoft VMQ help meet the performance demands of consolidated virtual workloads.

Support for MSI/MSI-X provides performance benefits for multi-core servers by load balancing interrupts between CPUs/cores.

Support for Energy Efficient Ethernet (EEE) reduces operating expenses.



Technical specifications**HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter**

Product Number	647594-B21
Technology	Network processor
Protocol supported	802.3, 802.3ab, 802.3u, 802.3x, Dynamic 802.3ad, 802.1Q, 802.3az, 1588, 802.1as
Network processor	Broadcom BCM5719 chipset
Data rate	1Gb
Bus type	PCIe 2 x4
Form factor	Stand Up
Power	Typical - 1.0W Max - 4.3W
Server type supported	ProLiant servers
IEEE compliance	802.3, 802.3ab, 802.3u, 802.3x, Dynamic 802.3ad, 802.1Q, 802.3az, 1588, 802.1as
Compatible operating systems	Microsoft Windows Server 2008, HPC Server 2008, Microsoft Windows 2008 Red Hat Enterprise Linux 5.7 (AMD64/EM64T) Red Hat Enterprise Linux 6.1 (AMD64/EM64T) SLES 10 and 11 Oracle Solaris 10 VMware ESX and ESXi Microsoft Windows Hyper-V
Product Dimensions (metric)	5.72 x 24.13 x 19.05 cm
Weight	0.45 kg
Connector type	Base-T
Supported Cables	Category 6A (Cat6A) (RJ-45)



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](#)



© 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.

Image may differ from the actual product
[PSN5194898EMEA_AFRICAEN](#), May, 2022.