



HPE ETHERNET 1GB 2-PORT BASE-T BCM5720 ADAPTER

Host Adapters



OVERVIEW

Need a cost effective 1GbE Solution for your HPE ProLiant server? The HPE Ethernet 1Gb 2-port BASE-T BCM5720 Adapter is a dual-port, low-cost, low profile 1Gb adapter featuring a PCIe 2.0 compliant form factor designed for select HPE ProLiant ML/DL/SL servers. It delivers full line-rate performance across all ports with low power consumption, providing Ethernet connectivity ideal for virtualization, security, server consolidation, and network segmentation. Supported advanced features include Large Send and Receive offload capability, TCP checksum and segmentation, VLAN tagging,

MSI-X, jumbo frames, IEEE 1588 (Precision Time Protocol – PTP), and virtualization features such as VMware NetQueue and Microsoft Virtual Machine Queue (VMQ). Support for HPE Sea of Sensors 3D Technology enhances server performance while reducing energy use and expense.

FEATURES

Single-chip, Dual-port, 1 Gb Ethernet Adapter Designed for Performance and Energy Savings

An aggregate, full duplex transfer rate of 4 Gb/s per adapter improves response times and alleviates bottlenecks.

Comprehensive stateless offloads optimize host efficiency and virtual machine density by offloading network processes from the host CPU.

Virtualization support for VMware NetQueue and Microsoft VMQ helps 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 2-port BASE-T BCM5720 Adapter

Technology	Network processor
Data rate	1Gb
Bus type	PCIe Gen2 x1
Form factor	Standup



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

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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
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