



# **HPE ETHERNET 1GB 2- PORT BASE-T BCM5720 ADAPTER (615732-B21)**

## **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

<b>Product Number</b>	615732-B21
<b>Technology</b>	Network processor
<b>Protocol supported</b>	Ethernet, 802.3, 802.3ab, 802.3u, 802.3x, Dynamic 802.3ad, 802.1Q, 802.3az, 1588, 802.1as
<b>Data rate</b>	1Gb
<b>Bus type</b>	PCIe Gen2 x1
<b>Form factor</b>	Standup



[For additional technical information, available models and options, please reference the QuickSpecs](#)

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- 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.

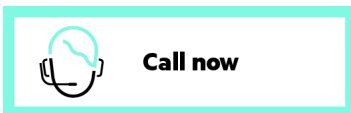
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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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