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

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

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

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 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.

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