

Broadcom NetXtreme BCM5719-4P Quad-Port 1G RJ45 Ethernet Server Adapter

Kod producenta: BCM95719A1904AC



Architektura	1GbE
Złącze	RJ45
Okablowanie	Skłętka kat.5e do 100m
Ilość portów	4
Typ złącza magistrali	PCI Express 2.0 x4
Format	Low Profile

Designed for today's enterprise and data center environments, Broadcom's 1G Ethernet Adapters are the ideal solution for multicore servers, delivering full line-rate throughput across all ports.

The BCM5719 PCIe NIC is a 13th-generation 10/100/1000BASE-T and 10/100/1000BASE-X Ethernet LAN controller solution for high-performance server and networking applications. The host interface supports a separate PCI Express function for each LAN interface. The BCM5719 includes I/O Virtualization (IOV) features such as 17 receive and 16 transmit queues, and 17 MSI-X vectors with flexible vector-to-queue association. These IOV features enable the BCM5719 to support VMWare® NetQueue and Microsoft® VMQ technologies.

The BCM5719 includes a comprehensive set of hardware features that the system may use to implement IEEE 1588 or IEEE 802.1AS-based time synchronization. These hardware features include a high-precision clock, timestamp registers for receive/transmit packets, and programmable trigger inputs and watchdog outputs.

- [BCM5719-4P Quad-Port Ethernet Server Adapter](#)
- [Product Brief: BCM5719-4P](#)

Features

- Energy Efficient Ethernet compliant with IEEE Std 802.3az-2010
- IEEE 802.3ap Clause 73 auto-negotiation
- Quad 10/100/1000BASE-T full-duplex/half-duplex MACs
- Virtualization support with VMware NetQueue and Microsoft VMQ
- Wake-on-LAN support
- Energy Efficient Ethernet (EEE)

Applications

- Cloud and Web2.0 data center servers
- Enterprise data center servers
- Private Cloud
- Machine Learning (ML) clusters
- High-Performance Computing (HPC) clusters
- Multi-node container platforms
- NVMe storage disaggregation (NVMe-oF™)
- Database servers

Strona firmowa produktu:

<https://www.superstorage.pl/broadcom-netxtreme-bcm5719-4p-quad-port-1g-rj45-ethernet-server-adapter-p-5328.html>