

HPE 629135-B22 Datasheet



HPE ETHERNET 1GB 4-PORT 331FLR ADAPTER, 629135-B22, 789897-001, 629133-002

629135-B22

The HPE Ethernet 1Gb 4-port 331FLR Adapter 629135-B22 for select HPE ProLiant Gen8 rack servers features the next generation of Ethernet integration, offering a single-chip solution in a Flexible LOM form factor, which offers the option for future upgrades to 10GbE networking speeds. It delivers full line-rate performance across all ports with low power consumption. The HPE 331FLR is ideal for virtualization, security, server consolidation, network segmentation, and other applications requiring maximum throughput and port density. The total aggregate throughput of 4Gb meets the needs of customers desiring high bandwidth. The HPE 331FLR supports advanced features such as Large Send and Receive offload capability, TCP checksum and segmentation, VLAN tagging, MSI-X, jumbo frames, IEEE 1588, HPE Sea of Sensors 3D and virtualization features such as VMware NetQueue and Microsoft VMQ. Support for HPE Sea of Sensors 3D Technology enhances server performance while reducing energy use and expense.

Key Features

- Designed for Maximum Throughput and High Port Density
- Replaceable FLEXibleLOM enables easy upgrade from 1GbE to 10GbE.
- 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.

Specifications

- Data Rate: 1Gb
- Number of Ports: 4-port
- Bus Type: PCIe 2 x4
- Form Factor: ALOM
- Detailed Product Description: HPE 4-port, 1GbE 331FLR adapter

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