



SlotOptimizer™ 564GB PCI-Express Quad-Port Ethernet Adapter

Broadcom®-Based Quad-Port 10/100/1000 Gigabit Ethernet connectivity from a single PCI-Express slot

FEATURES

Four independent 10/100/1000 Gigabit Ethernet ports

Broadcom® BCM5704C 10/100/1000Base-T controller with integrated transceiver

Supports universal signaling, 32- or 64-bit, 33/66/133 MHz

Auto Negotiation automatically detects and configures the link speed and the duplex type of the network connection

Plug-and-Play compatibility for PCI-X 1.0b or PCI 2.3 busses

Each port is IEEE 802.3ab compliant for 10BASE-T, 100BASE-TX, 1000BASE-T for assured compatibility

Per port LED indicators show link status, link speed and link activity

Driver support for:

- Linux® 2.4, 2.6
- Windows NT
- Windows 2000
- Windows 98 SE

Full or Half Duplex Operation

- Supports up to 2Gbps throughput per port

Configurable to support Jumbo Frames (9KB)

APPLICATIONS

Enterprise Network Servers

Internet Servers

Low Profile Rack-Mounted Servers

Appliance Servers

High-Availability Firewalls and Cache Servers

Multi-Channel ISP Routers

Maximizes Server Communications I/O

Providing the highest levels of overall system performance while conserving valuable PCI slots, the 564GB is the perfect solution for the new generation of small footprint and rack mounted servers that have limited expansion options for communications I/O.

Optimum Performance

Designed specifically for high-end enterprise environments, the SlotOptimizer 564GB adapter implements a high efficient 64-bit PCI/PCI-X bus at 133 MHz for even the most demanding network server applications.

Flexible Architecture

Each Gigabit Ethernet port on the Slot Optimizer 564GB supports auto-negotiation allowing the card to configure to the best possible mode of operation over a link, ensuring the highest possible performance.





564GB PCI-Express Quad-Port Gigabit Ethernet Adapter

Maximum Ethernet Performance

The Interphase SlotOptimizer 564GB PCI Express Quad-port Gigabit Ethernet Adapter provides increased bandwidth for even the most demanding networks. System speeds are maximized with Full Duplex modes allowing for simultaneous transmit and receive requests, providing maximized throughput.

Ethernet Auto-negotiation

Each independent Gigabit Ethernet port on the SlotOptimizer 564GB Adapter senses for 10, 100, or 1000 Mbps network transmission speed, and for half or full-duplex operation, and then automatically configures to the highest performance mode possible. This simplifies configuring the 564GB for multi-network operation with other Ethernet networking adapters, hubs, or switch ports.

LED Indicators

Each port of the 564GB features two LEDs that show link status/activity and network speed for easy "at a glance" monitoring for each port of the adapter.

Interphase Customer Service and Support

All Interphase products are backed by support programs designed to deliver maximized uptime for our customers worldwide. Included are standard and extended product warranty packages, standard and enhanced "7x24" live technical assistance, and free Web-based online support for the life of the product, including technical notes, downloadable driver enhancements, and information on new product releases. Interphase customer support ensures investment protection for your networking, remote access and mass storage connectivity.

Technical Specifications

Architecture

Bus Type	PCI/PCI-X
Data Transfer	2 Gbps
Bus Width	32- or 64-bit
Bus Speed	33/66/100/133

Mechanical

Form Factor	PCI
Length	6.6 in / 167.65 mm
Height	4.2 in / 101.60 mm
Depth	0.7 in / 17.2 mm

Operating Environment

Power Consumption	.96A @ 12 VDC
Temperature	0 to 55° C (32 to 131 °F)
Relative Humidity	10% to 95% non-condensing
Altitude	0 to 15,000 ft.

Storage Environment

Temperature	-40 to 85° C
Relative Humidity	10% to 95% non-condensing
Altitude	50,000 feet maximum

6/7/10

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About Interphase Corporation

Interphase Corporation (NASDAQ: INPH) delivers solutions for network connectivity, interworking, and packet processing for key applications for the communications, Mil/Aero, and enterprise markets. Founded in 1974, Interphase provides expert customization services and contract manufacturing, in addition to its COTS portfolio, and plays a leadership role in next generation AdvancedTCA® (ATCA), AdvancedMC™ (AMC), PCI-X, and PCIe standards and solutions. Interphase is headquartered in Plano, Texas, with sales offices across the globe.

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