



SlotOptimizer™ 562GL PCI-Express Low Profile Dual-Port Ethernet Adapter

*Broadcom®-Based Dual-Gigabit Ethernet Port
Fiber or Copper Versions*

FEATURES

- PCI Express x4, revision 1.0a
- Low Profile or Full Height Face Plate
- Two independent Gigabit Ethernet ports (Fiber or Copper)
- Failover
- Link Aggregation
- SNMP
- Fiber Version (562GL-001):**
 - Broadcom® BCM5715S controller
 - Dual SFF 1000Base-SX transceiver with LC connector
- Copper Version (562GL-000):**
 - Broadcom® BCM5715C 10/100/1000Base-T controller with integrated transceiver
 - Auto Negotiation automatically detects and configures the link speed and the duplex type of the network connection
 - Each port is IEEE 802.3ab compliant for 10BASE-T, 100BASE-TX, 1000BASE-T for assured compatibility
- Full or Half Duplex Operation
 - Supports up to 2Gbps throughput per port
- Configurable to support Jumbo Frames (9KB)
- Per port LED indicators show link status, link speed (copper only) and link activity
- Driver support for:
 - Windows 2000
 - Windows XP (32 bit)
 - Windows XP (IA64)
 - Windows XP (x86-64/EM64T)
 - Windows Server 2003 (32 bit)
 - Windows Server 2003 (IA64)
 - Windows Server 2003 (x86-64/EM64)
 - Windows Server 2008 (32 bit)
 - Windows Server 2008 (IA64)
 - Windows Server 2008 (x86-64/EM64T)
 - Linux (tg3)
 - DOS NDIS2
 - Netware (ODI16)
 - Netware (ODI32)
 - Solaris (x86/x86-64/EM64T)
 - SCO OpenServer 5
 - SCO Unix Ware/OS6

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 Express slots, the SlotOptimizer 562GL is the perfect solution for the new generation of small footprint and rack mounted servers that have limited expansion options for communications I/O. Supports both Low Profile and Full Height brackets.

Optimum Performance

Designed specifically for high-end enterprise environments, the SlotOptimizer 562GL implements a high efficiency PCI Express bus for even the most demanding network server applications.

Flexible Architecture

Each Gigabit Ethernet port on the SlotOptimizer 562GL (Copper version) supports auto-negotiation which allows the card to automatically configure to the optimum mode of operation over a link, ensuring the highest possible performance.





562GL PCI-Express Dual-Port Gigabit Ethernet Adapter

Maximum Ethernet Performance

The SlotOptimizer 562GL 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 (Copper Only)

Each independent Gigabit Ethernet port on the SlotOptimizer 562GL 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 562GL for multi-network operation with other Ethernet networking adapters, hubs, or switch ports.

Failover

Broadcom's failover capability allows automatic transfer of a failed port or adapter to another one to provide redundant capability.

LED Indicators

Each port of the SlotOptimizer 562GL features two LEDs that show link status/activity and network speed (copper only) 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 maximum uptime for our customers worldwide. Interphase offers standard and extended warranty packages; standard and enhanced 7x24 live technical assistance, 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 Express Revision 1.0a
Data Transfer	2.5 Gbps/Lane/Direction
Bus Width	x4

I/O

Port Count	Gigabit Ethernet
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Connector

Connector	2
	Copper RJ-45
	Fiber SFF LC
Data Transfer	Copper 10/100/1000 Mbps
	Fiber 1000 Mbps

Mechanical

Form Factor	PCI Express Low Profile
Length	5.3 in / 134.55 mm
Height	2.7 in / 68.90 mm
Depth	0.7 in / 17.2 mm
Face Plate	Low Profile or Full Height

Operating Environment

Power Consumption	1.5A @ 3.3 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

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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

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