

# SGI® Dual Port Gigabit Ethernet Network Adapters

## Key Features

- Jumbo frame (9k) support
- Dual high speed acceleration per channel for advanced packet classification
- Ultra deep, 64KB packet buffer per channel lowers CPU utilization, avoids PCI-X congestion
- Failover feature
- High performance, reliability and low power consumption

## Copper, RJ45 connector

- Two independent auto-negotiating Gigabit Ethernet, Fast Ethernet and Ethernet Ports

## Optical, 850nm, LC connector

- Two independent fiber Gigabit Ethernet channels, 1000Base-SX



## Standards Based

SGI Dual Port Gigabit Ethernet Network Adapters are fully compliant with IEEE® Gigabit Ethernet standard and PCI-X v1.0 compatible with 64-bit 66 MHz, 100 MHz and 133 MHz busses.

## Broad Product Support

With support for both Linux® and IRIX® operating systems, SGI Dual Port Gigabit Ethernet Network Adapters are available for the platform and application that you choose: High Performance Computing, Visualization, or Storage.

## Supported Software

SGI® IRIX® 6.5.20 with patch 5513  
 SGI® IRIX® 6.5.23 with patch 5367  
 SGI ProPack™ for Linux® version 3.0  
 SUSE® Linux Enterprise Server 9 with Service Pack 1  
 SUSE® Linux Enterprise Server 9 with SGI ProPack 4  
 Red Hat® Enterprise Linux Advanced Server 4

## Supported Systems

SGI® Altix® 350  
 SGI® Altix® 3300, 3700, 3700 Bx2  
 SGI® Origin® 300/350  
 SGI® Origin® 3200, 3400, 3800, 3800-B, 3900  
 SGI® Onyx® 300/350  
 Silicon Graphics® Onyx4™  
 SGI® Onyx® 3200, 3400, 3800, 3800-B, 3900  
 Silicon Graphics Fuel®  
 Silicon Graphics® Tezro®  
 Silicon Graphics Prism™  
 Silicon Graphics® Octane2™

## Ordering Information

Copper PCIX-GIGENET-C-2P  
 Optical PCIX-GIGENET-OR-2P

## Cabling

Copper 10Base-T Category 3, 4 or 5 UTP  
 100Base-TX, Category 5 UTP  
 1000Base-T, Category 5 UTP (or better)  
 Optical Multimode Fiber

## Connectors

Copper 2 Shielded RJ45 female connectors  
 Optical 2 SFF LC connectors

## Physical Dimensions

Bus Type PCI-X 64-bit  
 Bus Speed 133 MHz, 100 MHz, 66 MHz  
 Dimensions 2.5" (63.5mm) H x 6.6" (168.6mm) W  
 Weight 2.47oz (Copper),  
 2.82 oz (Optical)  
 PCI Voltage +5V (Min 4.75V Max 5.25V)  
 Operating Humidity 0% - 90% (non-condensing)  
 Operating Temperature 0°C to 50°C (32°F to 122°F)  
 Storage -20°C to 65°C (-4°F to 149°F)

## Support and Services

SGI provides full support for the SGI Dual Port Gigabit Ethernet Network Adapters and software drivers. SGI Professional Services also offers services to implement and integrate Gigabit Ethernet into your environment.



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