



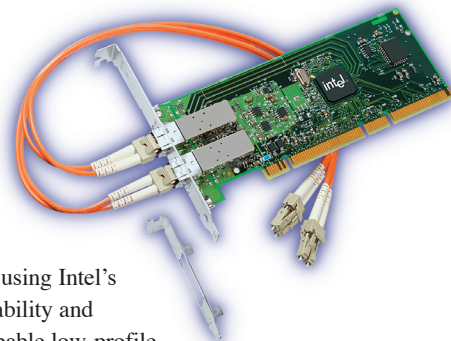
Intel® PRO/1000 MF Dual Port Server Adapter

Two Gigabit Fiber Server Connections in a Single PCI Slot

The Intelligent Way to Connect

Conserve valuable PCI slot space in servers, alleviate bottlenecks, and increase uptime with Gigabit performance for servers in multi-mode fiber-optic networks. The Intel® PRO/1000 MF Dual Port Server Adapter, with a self-configuring PCI/PCI-X interface, delivers high throughput while conserving CPU resources.

Enhance server performance further by teaming these two connections together or with other Intel® PRO Server Adapters using Intel's advanced server feature software to achieve multi-Gigabit scalability and redundant failover capability. A compact form factor and swappable low-profile bracket allow this dual port Gigabit adapter to fit in even high-density, rack-mounted 1U and 2U servers. With a flexible design that fits almost any type of PCI bus, the standards-based management features and wide network operating system support help to ensure extensive compatibility with the latest server and networking environments.



- High-performance via 64-bit PCI-X bus running up to 133 MHz
- Multi-Gigabit scalability and increased uptime through advanced server features
- Optional low-profile bracket included for high-density, rack-mounted servers

Intel® PRO
Network Connections

Features	Benefits
WIDESPREAD COMPATIBILITY	
Support for most NOSs	Enables widespread deployment
Intel® SingleDriver™ technology	Common driver suite for Gigabit Ethernet reduces installation complexity
Backward Compatibility with previous generations of Intel PRO/1000 Network Adapters	Reduces support costs and simplifies installation and maintenance
Supports 64- or 32-bit PCI-X 1.0 or PCI 2.2 buses	This flexible, auto-sensing adapter works in a variety of bus types
Remote Management Support (WfM, RIS, SNMP/DMI)	Reduces support costs with remote management based on industry-wide standards
IEEE 802.3z Compatibility	Supports Gigabit Ethernet industry-wide networking standard
NEW FEATURES IN THE INTEL PRO/1000 MF DUAL PORT SERVER ADAPTER	
Intel® 82546 Gigabit Controller	Enables two Gigabit connections in a single adapter, delivering increased bandwidth for slot-constrained servers and providing high performance, reliability, and low power use in a single, integrated, dual port Gigabit Ethernet controller chip
Full-height and low-profile, screw-on brackets included with each adapter	Compatible with full-height and low-profile PCI slots—the standard, full-height bracket can be easily swapped out and replaced by the shorter, low-profile bracket, for installation in high-density 1U and 2U servers that feature low-profile PCI slots
Interrupt Moderation	Delivers increased performance while significantly reducing CPU utilization
Large Send Off-load/TCP Segmentation Off-load	Compatible with Large Send Off-load feature of Microsoft Windows® Server 2003, 2000 and XP which enables wire speed performance with low CPU utilization
Expanded Advanced Server Features	Intel® ANS software increases uptime with redundant, teamed connections and scales bandwidth by balancing network traffic across multiple server connections. Now offers Switch Fault Tolerance and Test Switch Configuration to test compatibility and further increase uptime
LC Connectors	This new, smaller connector design is compatible with the latest fiber-optic cabling standards

