

PCI Gigabit Ethernet Dual RJ45 Port Network Interface Card, Intel 82546 Chipset Desktop Network Adapter.

Featuring flexible, auto-negotiating 10/100/1000 Mbps performance, the NIC-7212MT Server Adapter is designed to automatically scale with growing networks.

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.



Features

WIDESPREAD COMPATIBILITY

- Support for most NOSs
- Intel SingleDriver technology
- Backward Compatibility with previous generations of Intel PRO/1000 Network Adapters
- Supports 32-bit PCI 1.0 or PCI 2.2 buses
- Remote Management Support (WfM, RIS, SNMP/DMI)
- IEEE 802.3ab Compatibility

NEW FEATURES IN THE INTEL PRO/1000 MT DUAL PORT SERVER ADAPTER

- Intel 82546 Gigabit Controller
- Full-height and low-profile, screw-on brackets included with each adapter
- Advanced Cable Diagnostics
- Large Send Off-load/TCP Segmentation Off-load
- Expanded Advanced Server Features



GIGABIT-OVER-COPPER ADVANTAGES

- Gigabit speeds on Category-5 cable networks
- Compatible with Fast Ethernet
- Auto-sensing, self-configuring 10/100/1000 Mbps performance

SPECIFICATIONS

- IEEE Standard/Network Topology: 10BASE-T, 100BASE-TX, 1000BASE-T

ADAPTER PRODUCT FEATURES

- Intel SingleDriver technology
- Plug and Play Specification Support Standard
- Easy Installation, Intel PROSet Utility and Intel PRO Intelligent Install
- Auto-negotiation, Full-duplex Capable
- Includes a Low-profile and a Full-height Bracket

NETWORK MANAGEMENT

- Wired for Management (WfM) Baseline v2.0
- Enabled for Servers
- DMI 2.0 Support, WMI & SNMP-manageable
- Offline Diagnostics
- Dynamic Cable Diagnostics
- Intel Boot Agent
- ACPI Power Management
- Wake on LAN
- PXE 2.0

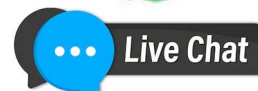
ADVANCED SOFTWARE FEATURES

- Adapter Fault Tolerance
- Switch Fault Tolerance
- Adaptive Load Balancing
- Fast EtherChannel-1

Contact Us:

Email: sales@compufox.com

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- Gigabit EtherChannel-1
- IEEE 802.3ad (Link Aggregation Control Protocol)-1
- Test Switch Configuration
- PCI Hot Plug and Active PCI
- 802.1Q VLANs
- 802.3x Flow Control
- TCP Checksum Offload
- IEEE 802.1p
- TCP Segmentation/Large Send Off-load
- Interrupt Moderation
- Save and Restore

TECHNICAL FEATURES

- Data Rate(s) Supported per Port 10, 100 and 1,000Mbps
- Bus Type PCI
- Bus Width 32-bit
- Bus Speed (MHz) 33/66/
- Onboard Memory 128 KB
- Interrupt Levels INTA
- IEEE Support 802.3ab
- Hardware Certifications FCC A, CE
- Data Transfer Mode Bus-master DMA
- Controller—Processor Intel 82546
- Typical Power Consumption 1A at +5VDC
- Operating Temperature 0–55 centigrade
- Operating Humidity 85% at +55 centigrade

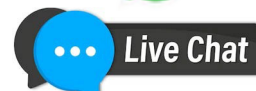
OPERATING SYSTEMS SUPPORT

- Windows 2000
- Windows XP
- Windows Vista 32bit (64bit)
- Windows 7 32bit (64bit)
- Windows 8 32bit (64bit)
- Windows Server 2003 32bit (64bit)

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- Windows Server 2008 32bit (64bit)
- Windows Server 2008 R2 32bit (64bit)
- Windows Server 2012 R2 32bit (64bit)
- Novell Netware 5.x.6.x
- Linux kernel version 2.6.30
- FreeBSD 7.x or higher
- DOS
- Sun Solaris x86
- OS Independent
- VMware ESX



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