



## TEG-PCITXM 32-Bit 10/100/1000Mbps Gigabit PCI Adapter

TRENDnet's TEG-PCITXM 32-bit PCI 1000Base-T Copper Gigabit Ethernet Card is a high-bandwidth network adapter that auto-senses 10/100/1000Mbps connection speed, half/full-duplex mode, and auto MDI-X medium type. It includes the latest VLAN tagging and multicasting functions to efficiently utilize network bandwidth for maximum data throughput. With its 1000Mbps bandwidth capacity, TRENDnet's TEG-PCITXM is ideal for high traffic Power Server, Network Gaming and Video Conferencing Multi-Media Workstation.



### FEATURES

- IEEE 802.3, 802.3u and 802.3ab compliant
- Support 32-Bit PCI Local Bus Master high-speed operation of Rev. 2.2 specification
- One RJ-45 Connector with connection speed Auto-Sense and Auto-MDIX media type detection
- Works with 10Mbps Ethernet, 100Mbps Fast Ethernet, or 1000Mbps Gigabit Ethernet network
- Full-Duplex mode that doubles the bandwidth
- Built-in 128KB RAM on-chip buffer reduces overhead of memory transfers
- Supports Wake-on-LAN for remote wake up
- IEEE802.1Q Virtual LAN (VLAN) tagging support  
Drivers support Windows 98/ME/NT4.0/2000/XP, Novell NetWare Server 5.x/6.x, NetWare Client, and Linux Kernel 2.2.x/2.4.x
- Plug and Play Installation
- 5-year warranty

### BENEFITS

- **Performance:**  
The full-duplex Gigabit adapter brings high bandwidth with up to 2000Mbps speeds.
- **User Friendliness:**  
Plug and Play with drivers support all popular network operating systems.
- **Flexibility:**  
Single RJ-45 connector auto detects 10/100/1000Mbps connection speed, Half/Full du-plex mode, and media type (Auto-MDIX media type auto-crossover).
- **Cost-Effectiveness:**  
Provides the benefit of Gigabit Ethernet networking with the familiarity of Ethernet that operates in existing 32-bit PCI Bus.



# TEG-PCITXM

## 32-Bit 10/100/1000Mbps Gigabit PCI Adapter

### SPECIFICATIONS

#### Standards:

- IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet, ANSI/IEEE 802.3 Auto-Negotiation

#### Host Interface:

- 32-bit PCI Rev.2.2

#### Data Transfer Rate:

- Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)
- Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
- Gigabit Ethernet: 1000Mbps (Half-Duplex), 2000Mbps (Full-Duplex)

#### Cabling:

- Ethernet: 2-pair UTP Cat. 3, 4, 5, EIA/ITA-568 100 Ohms twisted pair, 100 meters max.
- Fast Ethernet: 2-pair UTP Cat. 5, EIA/TIA-568 100 Ohms twisted pair, 100 meters max.
- Gigabit Ethernet: 4-pair UTP Cat. 5 (Cat. 5E recommended), EIA/TIA-568 100 Ohms twisted pair, 100 meters max.

#### Connector:

- RJ-45 UTP/STP, Auto-MDIX

#### Diagnostic LEDs:

- 10Mbps Link, 100Mbps Link, 1000Mbps Link, ACT, FDX/COL

#### Weight:

- 62.5 g. (2.2 Oz.)

#### Temperature:

- Operating: 0° to 40° C (32° to 104°F)
- Storage: -10° to 70° C (14° to 158°F)

#### Humidity:

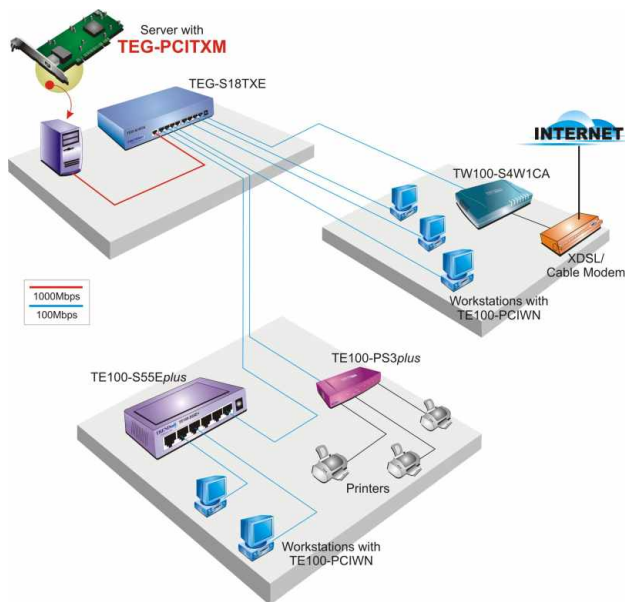
- Operating: 10 % to 90 %
- Storage: 5% ~ 90%

#### Emission:

- FCC Class B, CE Class B, VCCI Class B



### NETWORKING SOLUTIONS



### RELATED PRODUCT

- **TEG-PCITXM:**  
32-Bit PCI 10/100/1000Mbps Copper Gigabit Ethernet Adapter
- **TEG-S18TXE:**  
9-port 10/100/1000Mbps Copper Gigabit Switch
- **TEG-S50TXE:**  
5-port 10/100/1000Mbps Copper Gigabit Switch (external power adapter)
- **TEG-S80TXE:**  
8-port 10/100/1000Mbps Copper Gigabit Switch (external power adapter)

### ORDERING INFORMATION

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