



# PEATSA.

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## 32-bit 10/100/1000Mbps Copper Gigabit PCI Adapter TEG-PCITXR

TRENDnet's TEG-PCITXR 32-bit 10/100/1000Mbps Copper Gigabit Ethernet adapter is a high-bandwidth network adapter that auto-senses 10/100/1000Mbps connection speed, half/full-duplex modes, and MDI-X media type. It includes the latest VLAN tagging to efficiently utilize network bandwidth for maximum data throughput. With its 2000Mbps bandwidth capacity, TRENDnet's TEG-PCITXR is ideal for high traffic Power Server and Video-Conferencing 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 port with Auto Sensing of 10Mbps Ethernet, 100Mbps Fast Ethernet, and 1000Mbps Gigabit Ethernet
- Auto MDI-X medium type detection
- Supports Full-Duplex mode and doubles the bandwidth to 20/200/2000Mbps
- Supports Win98/ME/NT4/2000/XP, Linux and Netware
- Built-in FIFO (8K/64K) buffer reduces overhead of memory transfers
- Supports Wake-on-LAN for remote wake up
- Supports IEEE 802.1Q VLAN tagging
- Plug and Play Installation
- 5-Year Warranty

### Specifications

#### Hardware

<b>Standards:</b>	<ul style="list-style-type: none"><li>▪ IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet</li><li>▪ IEEE 802.3ab 1000Base-T Gigabit Ethernet, ANSI/IEEE 802.3 Auto-Negotiation</li></ul>
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<b>Protocol:</b>	CSMA/CD
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<b>Data Transfer Rate:</b>	<ul style="list-style-type: none"><li>▪ Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)</li><li>▪ Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)</li><li>▪ Gigabit Ethernet: 1000Mbps (Half-Duplex), 2000Mbps (Full-Duplex)</li></ul>
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<b>Cabling:</b>	<ul style="list-style-type: none"><li>▪ Ethernet: 2-pair UTP CAT 3,4,5, EIA/ITA-568 100-ohm screened twisted pair (STP)</li><li>▪ Fast Ethernet: 2-pair UTP CAT 5, EIA/TIA-568 100ohm screened twisted pair (STP)</li><li>▪ Gigabit Ethernet: 4-pair UTP Cat 5/Cat 5E (recommend), EIA/TIA-568 100-ohm screened twisted pair (STP)</li></ul>
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<b>Host Interface:</b>	32-bit PCI Rev.2.1/2.2
<b>Connector:</b>	Single RJ-45 UTP/STP, Auto MDI-X
<b>Diagnostic LEDs:</b>	Link, Activity
<b>Power Consumption:</b>	4.75 watts (max)
<b>Driver Support:</b>	Windows 98/ME/NT4/2000/XP, Linux Kernel 2.2.x/2.4.x, Netware 5.x/6.x
<b>Dimensions:</b>	120 x 59 x 15 mm (4.7 x 2.3 x 0.6 inch)
<b>Weight:</b>	68.04g (2.4oz.)
<b>Temperature:</b>	<ul style="list-style-type: none"><li>▪ Operating: 0° to 40° C (32° to 104°F)</li><li>▪ Storage: -10° to 70° C (14° to 158°F)</li></ul>
<b>Humidity:</b>	<ul style="list-style-type: none"><li>▪ Operating: 10 % to 90 %</li><li>▪ Storage: 5% ~ 90%</li></ul>
<b>Certifications:</b>	FCC Class B, CE Class B, VCCI Class B

## Networking Solution

