TRENDnet ®
TRENDware, USA
What's Next in Networking

TEM100-56R
PCMCIA 10/100Mbps Fast Ethernet Fax Modem Card with XpressPort™

TRENDnet's TEM100-56R PC Card with XpressPort is the perfect solution for LAN/WAN applications. The 16-bit PC Card adapter combines both 10/100Mbps dual speed Fast Ethernet and the optimal power of V.90/K56Flex dual mode 56K fax/modem capabilities. The TEM100-56R makes it simple to combine numerous communication jobs at the same time. The TEM100-56R lets you dial into any on-line service and ISP while still connected to local Ethernet/Fast Ethernet network. TRENDnet's directly integrated XpressPort solves problems that many PC Card users experience. With XpressPort feature, users can prevent from lost or broken cable connectors and jacks. You will be hassle-free and dongle-free in connecting to information with the TEM100-56R.

FEATURES

···▶ Inserts to top PCMCIA type II slot and leaves bottom slot available for other PCMCIA devices

···▶ Compatible with both traditional PCMCIA slot and advanced 16-bit CardBus slot

···▶ 10Mbps or 100Mbps data rate (Ethernet) auto-negotiation

···▶ Integrated Ethernet LAN and modem XpressPort for dongle/coupler-free connection

···▶ Supports full-duplex mode

···▶ Integrated digital line protection prevents modem damage when connected to digital PABX

···▶ PCMCIA client enabler support § Wide range of PCMCIA Card/Socket Services (CSS) support

···▶ Concurrent use of Fast Ethernet LAN and fax/modem operation

···▶ Supports all major Network Operating Systems (NOS)

···▶ Menu-driven installation utility and LAN diagnostic program included

···▶ PC card "Hot Swap" support

···▶ 5 Year Warranty

BENEFITS

···▶ **User Friendly:**
Just plug the card into your workstation and it's ready to go!

···▶ **Speed:**
A single card supports both Ethernet/Fast Ethernet network, and V.90/K56Flex modem.

···▶ **Versatility:**
The PCMCIA card supports a variety of software.

···▶ **Affordability:**
Integrated PC Card with XpressPort reduces user down time and eliminates dongle/jack replacement.

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SPECIFICATIONS

Fax Modem Protocol:
• V.90 (down-stream up to 56,000bps) K56Flex (down-stream up to 56,000bps), V.34bis (up to 33,600bps), V.34 (2,400 to 28,800bps), V.32bis, V.32, V.22bis, V.23, V.22/Bell 212A, V.21/Bell 103

Error Control:
• V.42/V.42bis and MNP Class 2 to 5

Fax Compatibility:
• Group 3 sends and receives EIA, Class 1 fax commands V.17 (14.4Kbps), V.29 (9.6Kbps), V.27ter (4.8Kbps), V.21 (300bps)

Card and Socket:
• PCMCIA Card/Socket Services (CSS) supports PCMCIA PC card standard version 2.0 and newer

Operating Modes:
• Asynchronous full-duplex
• Manual/Automatic answer

Network Drivers:
• Win 95, 98 & OS/2, NT 4.x/3.x, Win 3.x, DOS, Novell NetWare Client, Personal NetWare, NetWare IPX/SPX, Microsoft LAN Manager, Artisoft LANtasitc, IBM LAN support, FTP, TCP/IP, Banyan VINES, Packet Driver, and more

Ethernet LAN Standard:
• Network Standard & Interface, IEEE 802.3 (10Base-T), IEEE 802.3µ (100Base-TX)

Interrupt & I/O Address:
• IRQ: 3, 4, 5, 7, 9, 10, 12, 15
• I/O base for LAN: 220, 300, 320, 340
• I/O Base for fax/modem: COM 2, COM 3, COM 4

Base Selection:
• Operation Mode: 44mA
• Power Down Mode: 90mA

Dimensions:
• 121 x 18 x 19 mm

Humidity:
• 10 % to 95 % non-condensing

Operating Temperature:
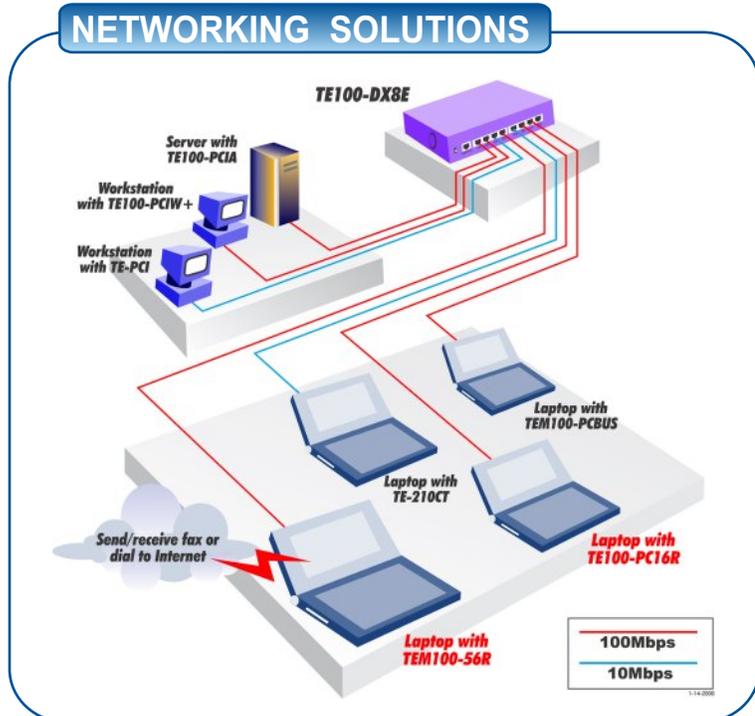• 32° to 149° F (0° to 65° C)

Transmit Level:
• Permissive -10 (+/-1) dBm

Certifications:
• FCC, CE 0682 X

NETWORKING SOLUTIONS

TE100-DX8E

Server with TE100-PCIA

Workstation with TE100-PCIW +

Workstation with TE-PCI

Laptop with TEM100-PCBUS

Laptop with TE-210CT

Laptop with TE100-PC16R

Send/receive fax or dial to Internet

Laptop with TEM100-56R

100Mbps
10Mbps

PRODUCT INFORMATION

TE100-PCBUSR: 10/100Mbps PCMCIA 32-bit CardBus Ethernet Card with XpressPort

TE100-PC16R: 10/100Mbps PCMCIA Ethernet Card with XpressPort

TFM-560R: 56Kbps (V.90) High Speed PCMCIA Fax Modem with XpressPort (Lucent Chipset)

TEM100-56R: 10/100Mbps Fast Ethernet + 56Kbps Fax Modem Card with XpressPort

ORDERING INFORMATION

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