



32-bit PCI-bus Fast Ethernet Adapter

- Meets PCI Local Bus Specification, Rev. 2.0 or later
- PCI 32-bit Bus Master architecture provides high throughput with low CPU utilization
- IEEE 802.3u Auto-Negotiation for automatic speed selection
- Easy migration; single RJ-45 port for both 10BASE-T and 100BASE-TX
- Provides full-duplex Ethernet operation for both 10BASE-T and 100BASE-TX
- Supports UTP cables using category 3, 4 or 5 for 10Mbps mode and category 5 for 100Mbps mode



Fast EtherPair-TX (EN1207-TX) 32-bit PCI-bus Fast Ethernet Adapter for 100BASE-TX and 10BASE-T

The PCI Local Bus delivers higher data throughput that eliminates I/O bottlenecks, making it far superior to ISA, EISA and MCA bus architectures. Accton's Fast EtherPair-TX is a high performance 100Mbps adapter based on this advanced platform. Designed to complement the next generation of PCI Local Bus computers, the Fast EtherPair-TX supports 32-bit data transfer, 32-bit bus width, and bus master architecture.

Reliability & Flexibility



Advanced VLSI and SMT manufacturing ensure high-performance and reliability on a low component-count card. Also, you can operate the Fast EtherPair-TX in full-duplex mode. It doubles the channel bandwidth from 10 to 20Mbps for 10BASE-T and from 100 to 200Mbps for 100BASE-TX.

Compatible with Industry Standards

This adapter conforms to IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX and PCI Local Bus Specification, Rev. 2.0. A wide range of drivers are also supplied for commonly used network operating systems.

Dual-Speed Support and Easy Monitoring

Built-in Auto-Negotiation automatically detects and determines the optimal interoperation mode with other devices. The Fast EtherPair-TX supports both 10Mbps and 100Mbps data transfer rates. You can use category 3, 4 or 5 UTP cables for 10Mbps mode and category 5 UTP cables for 100Mbps mode. The LED status indicators make it easy to monitor network activity, port link, full-duplex and data transfer rate.

Specifications

Lifetime Warranty

Compatibility

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX Meets PCI Local Bus Specification, Rev. 2.0 or later
Interface	One RJ-45 for 100BASE-TX and 10BASE-T
PCs Supported	PCI Local Bus computers

Configuration

System Clock	Up to 33MHz
Data Interface	32-bit bus mastering PCI
I/O Address	Automatically determined by configuration space
Interrupt Level	INT A, mapping to BIOS IRQ SETUP
Full Duplex	10Mbps & 100Mbps

Physical Characteristics

Power Requirements	10BASE-T (RJ-45): +5V/0.515A (Standby); +5V/0.520A (Transmit) 100BASE-TX (RJ-45): +5V/0.600A (Standby); +5V/0.700A (Transmit)
Temperature	0°C to 55°C (Standard Operating)
Humidity	10% to 90% (Noncondensing)
LED Indicators	100Mbps, Link, Activity, Full-Duplex
Dimensions	132.41mm x 71.12mm (5.21" x 2.80")

Hardware Certification

FCC Class B, CE Mark, VCCI Class 2, CISPR 22 Class B

Software Support

Network Operating Systems:	
ODI Drivers	Novell NetWare 3.X, 4.X, NetWare LAN WorkPlace, Novell LAN Analyzer, Personal NetWare
NDIS 2.0 Drivers	Microsoft LAN Manager, Windows for Workgroups, IBM LAN Server, IBM LAN Support, DEC PATHWORKS, Sun PC-NFS, Banyan VINES, IBM TCP/IP for DOS & OS/2, Wollongong Pathway Access
NDIS 3.0 Drivers	Windows for Workgroups 3.11, Windows NT, Windows 95
Packet Drivers	FTP PC/TCP, NCSA TCP/IP, Accton LanSoft
UNIX Driver	SCO Unix

Ordering Information

- Fast EtherPair-TX (EN1207-TX) 32-bit PCI-bus Fast Ethernet Adapter for 100BASE-TX and 10BASE-T

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ISO 9001 Symbol of Quality Excellence



Certificate No. FM 25401

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Just right for workgroups

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