ACCTON

EtherCombo-16 (EN1660) for 10BASE-T, 10BASE2 & 10BASE5
EtherPair-16 (EN1661)   for 10BASE-T
EtherDuo-16 (EN1666)   for 10BASE-T & 10BASE2

MultiPacket Accelerator PnP MPX² Ethernet Adapters

- **Driver configuration using Accton's accelerated MPX² drivers or industry standard NE2000 drivers**

- **MPX² technology boosts network performance**

- **Supports full-duplex Ethernet operation to double channel bandwidth**

- **Auto detection and selection of network media type**

- **Compatible with Microsoft/Intel platforms**

- **Plug and Play for easy installation**

- **Listed in the adapter installation menu of Microsoft Windows 95**

Accelerating Network Performance

MPX TECHNOLOGY

FULL DUPLEX

Accton's new MultiPacket Accelerator is a breakthrough in Ethernet card technology. Compared to conventional adapters, Accton's MPX² Ethernet adapters are 30% faster. Each adapter uses Accton's custom-designed controller for superior network throughput. You can also operate the MPX² Ethernet adapters in full-duplex mode to double channel bandwidth.

Facilitating Network Installation

1Step

PLUG & PLAY

Accton's 1Step™ proprietary setup program automatically configures the adapter and installs network software drivers. No other adapter is easier to install or configure. Installation on workstations in a Novell network is automated using licensed NetWare protocols and drivers. Accton's MPX² Ethernet adapters are easy to install and offer *Plug and Play* compatibility with Microsoft/Intel platforms for hassle-free operation.

Accelerating Network Troubleshooting

Accton's Ethernet adapters guard against faults and failures to ensure network reliability and availability. 1Step™ installs a configuration that eliminates conflict with the most common I/O addresses and IRQs. For NetWare applications, the 1Step™ program supplies setup specifics to avoid configuration mismatches. Accton's MPX² adapters also offer network management support with AccView/Station to detect both the PC and adapter configuration, plus monitor network status.

Compatible with Industry Standards

Accton's MPX² Ethernet adapters are designed to work in any network environment. With Standard NE2000 compatibility, they work with Novell NetWare, IBM LAN Server, Banyan VINES, Microsoft Win95, WinNT, LAN Manager, DEC PATHWORKS and more. A socket is provided onboard for an optional boot ROM for NetWare, and generic Boot ROM for LAN Manager, LAN Server and NetWare RPL. Three different cabling interfaces are available, namely, 10BASE-T (UTP), 10BASE2 (thin coax) and 10BASE5 (thick coax). Accton's MPX² adapters comply with all applicable IEEE 802.3 standards.

PATHWORKS

Yes NetWare.

Designed for Microsoft Windows 95

MICROSOFT WINDOWS NT COMPATIBLE

150058-109
E1196-RO2

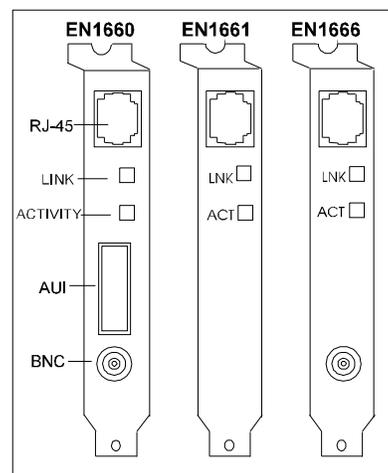# Specifications

Compatibility

Standards	IEEE 802.2, IEEE 802.3 10Mbps & ISO 8802.3
Interface	EtherCombo-16: 10BASE-T (RJ-45), 10BASE2 (BNC), 10BASE5 (AUI) EtherPair-16: 10BASE-T (RJ-45) EtherDuo-16: 10BASE-T (RJ-45), 10BASE2 (BNC)
PCs Supported	ISA bus-compliant computers

EN1660 EN1661 EN1666

RJ-45

LINK / LNK / LNK
ACTIVITY / ACT / ACT

AUI

BNC

Configuration

Bus Width	8/16-bit, auto-detectable
RAM Buffer	16 KBytes
I/O Address	16 selections, 200H to 3E0H
Interrupt	IRQ3, 4, 5, 9(2), 10, 11, 12, 15
Boot ROM Address	C0000H to DFFFFH

Physical Characteristics

Power Requirements	10BASE-T (RJ-45): +5V/110mA (Standby); 130mA (Transmit) 10BASE2 (BNC): +5V/420mA (Standby); 470mA (Transmit) 10BASE5 (AUI): +12V/0.5A (maximum)
Temperature	0°C to 55°C (Standard Operating)
Humidity	10% to 90% (Noncondensing)
LED Indicators	Activity, Link
Dimensions	157.36mm x 101.60mm (6.195" x 4.00") for EN1660 157.36mm x 71.12mm (6.195" x 2.80") for EN1661 & EN1666

Certification

Hardware	CE Mark
Emissions	FCC Class B, VCCI Class 2, CISPR 22 Class B
Immunity	ESD: IEC801.2, RS: IEC801.3, EFT/Burst: IEC801.4, Transportation/Vibration: IEC68-2-34, Shock: IEC68-2-27, Drop: IEC68-2-32

Software Support

ODI Drivers	Novell NetWare 2.x, 3.x, 4.x, 4.11 (Green River), NetWare LAN WorkPlace, Novell LAN Analyzer
NDIS Drivers	Microsoft LAN Manager, Windows for Workgroups, Windows NT3.x, NT4.0, Windows 95, IBM LAN Server, IBM LAN Support, IBM TCP/IP, IBM OS/2 Warp 3.0, DEC PATHWORKS, Wollongong Pathway Access, Sun PC-NFS, Banyan VINES
Packet Drivers	FTP PC/TCP, NCSA TCP/IP
Unix Drivers	SCO Unix, UnixWare, SunSoft Solaris
Driver Compatibility	Industry-standard Novell NE2000

Ordering Information

- EtherCombo-16 (EN1660)   3-in-1 PnP MPX^2 Ethernet adapter for 10BASE-T, 10BASE2, 10BASE5
- EtherPair-16 (EN1661)   PnP MPX^2 Ethernet adapter for 10BASE-T
- EtherDuo-16 (EN1666)   PnP MPX^2 Ethernet adapter for 10BASE-T and 10BASE2

All models are available in a pack of 1, 5, 20 or 50 pieces.

ISO 9001 Symbol of Quality Excellence

CE

BSI REGISTERED FIRM

NATIONAL ACCREDITATION OF CERTIFICATION BODIES

Certificate No. FM 25401

ACCTON
Just right for workgroups