



## CardBus Ethernet 10/100



**Connect CardBus-equipped portable PCs to 10Mbps and 100Mbps Ethernet networks with the fastest notebook-to-LAN connection available.**

The CardBus Ethernet 10/100™, a member of Xircom's growing family of Fast Ethernet solutions for portable PCs, provides the ultimate in high-speed Ethernet connectivity for CardBus-equipped notebooks. This versatile adapter brings PCI-based performance to your CardBus portable PC in both 10Mbps and 100Mbps network environments.

The CardBus Ethernet 10/100 unleashes the full connectivity potential in portable PCs, enabling you to take advantage of the increased bandwidth offered by 100Base-TX networks. The adapter's bus-mastering capabilities increase data transfer speeds between your notebook and network by off-loading tasks from the system processor, freeing it up for other functions.

Xircom offers a wide range of Fast Ethernet options to ensure the fastest network connection available, no matter what your configuration. The CardBus Ethernet 10/100 is the ideal performance solution for connecting your CardBus-equipped portable PC to 10Mbps and 100Mbps Ethernet networks.

### Features and Benefits

- *Unparalleled performance* - CardBus 32-bit bus-mastering architecture speeds data transfers between your portable PC and the network without burdening the PC's processor
- *Xircom's CardBus Ethernet Adapter provide the fastest Windows 95 performance compared to competitors CardBus Adapters* - 54% faster than 3Com and 169% faster than SMC: [LANQuest Report](#)

- *Investment protection* - Support for both 10Mbps and 100Mbps allows a single adapter to provide high-performance 10Mbps connectivity today, with built-in support for future implementation of Fast Ethernet networks
- *Auto-negotiation of 10Mbps or 100Mbps* - Adapter auto-senses the speed of the network to which it is attached, providing seamless operation on either 10Mbps or 100Mbps network segments
- *Full-duplex capabilities* - Allows data to be sent and received simultaneously, doubling the effective throughput in full-duplex environments
- *Complete driver support* - includes the broadest network and operating system support available for a CardBus Ethernet Adapter
- *Reliability* - Benefit from Xircom's eight years of experience in building reliable communications products for mobile computers
- *Installation program included* - Xircom's installation program automatically determines and configures system resources, PC, and NOS accordingly
- *SNMP network management agent included* - Allows portable PC to be managed using SNMP-based network management software
- *Compatibility guaranteed* - Guaranteed to work in your environment or your money will be refunded within 30 days of purchase (30-day refund offer available only in the U.S. and selected countries)

## Specifications

### Model Number:

#### **CBE-10/100BTX**

*CardBus Ethernet 10/100 Adapter*

Supports both 10Base-T and 100Base-TX networks with a single adapter cable; auto-negotiation of 10Mbps or 100Mbps operation.

*Cable:* 100Base-TX unshielded twisted pair (UTP) for use on Category 5 (data grade) UTP cabling; 10Base-T unshielded twisted pair (UTP)

*Connector:* RJ-45

*Operating Distance:* 328 ft. (100m)

### Standards

Type II CardBus PC Card

IEEE 802.3 for 10Base-T

IEEE 802.3u for 100Base-TX

10/20Mbps full-duplex on 10Base-T full-duplex networks

100/200Mbps full-duplex on 100Base-TX full-duplex networks

### Physical Characteristics

**Size: 3.37 x 2.13 x 0.20 inches (86 x 54 x 5 mm)**

**Weight: 0.85 oz (24 g)**

### Power Requirements:

10Base-T +3.3VDC, 360mA typical, 400mA max

100Base-TX +3.3VDC, 285mA typical, 315mA max

### Environmental Conditions

Operating Range: 32 to 131 degrees F, 0 to 55 degrees C  
 Storage Range: -4 to 149 degrees F, -20 to 65 degrees C  
 Humidity: 95% max. noncondensing

**LEDs**

Transmission and Receive Activity (yellow)  
 Link Integrity (green for 10Base-T)  
 Link Integrity (orange for 100Base-TX)

**Certification**  
 FCC, Class A  
 CE Mark

**Hardware Compatibility**

Supports all popular CardBus-equipped PCs including IBM, NEC, Toshiba, Dell, Hewlett Packard, Digital, Fujitsu, Micron, Acer/Texas Instruments, Gateway, Zenith Data Systems, and Panasonic

**Software Compatibility**

*Network Operating Systems -*

Supports all popular network operating systems including Novell NetWare, Microsoft Windows NT, Windows 95, Windows 3.x, Microsoft LAN Manager, Artisoft LANtastic, Banyan VINES, DEC PATHWORKS, and OS/2.

**Fast Ethernet Product Drivers**

<b>Drivers Supplied</b>	<b>CreditCard Ethernet 10/100</b>	<b>CardBus Ethernet 10/100</b>
ODI (DOS 16-bit)	Yes	Yes
ODI (OS/2 16-bit)*	Yes	Yes
ODI (32-bit Novell client/server)	Yes	Yes
NDIS2 (DOS 16-bit)	Yes	Yes
NDIS2 (OS/2 16-bit)*	Yes	Yes
Packet	Yes	Yes
NDIS3 (32-bit for Windows 95)	Yes	Yes
NDIS3 (32-bit for Windows NT)	Yes	Yes

\*OS/2 drivers do not support OS/2 Card Services

**Additional Operating Systems and Drivers**

Many additional operating systems support Xircom adapters by utilizing standard drivers supplied by Xircom. Call the Xircom FactsLine and request document 8003 for a current listing.

Some proprietary operating systems vendors have also developed specialized drivers for Xircom products. Contact your vendor for availability.

## **Xircom Product Services, Support, and Warranties**

At Xircom, our customers are very important to us. We are committed to achieving 100% customer satisfaction and are continuously striving to provide quality products. To this end, we offer the following product warranties and services, and provide a variety of ways for you to get in touch with us.

### **Product Warranties**

Xircom offers a lifetime limited warranty on hardware and a two-year warranty on software. For the complete text of the Xircom warranty as it applies to your product, including instructions for warranty returns, see your User's Guide.

### **30-Day Satisfaction Guarantee (U.S. only)**

To insure total customer satisfaction, during the first 30 days after purchase of a Xircom product, if for any reason the customer is not happy, we will replace the product or refund the purchase price.