



CreditCard Ethernet 10/100



Connect portable PCs to 10Mbps and 100Mbps Ethernet networks with this high-performance PC Card.

For the latest comparative review, see *Network Computing Online: 10/100 Fast Ethernet PC Card Adapters: What Bang Do You Get For Your Bucks?* at <http://techweb.cmp.com/nc/717/717r2.html>

The CreditCard Ethernet Adapter 10/100 sets a new standard for connecting portable PCs to Ethernet LANs. Notebook users can now connect to 10Mbps and 100Mbps Ethernet networks with this high-performance PC Card.

Whether you are currently using Fast Ethernet, or still contemplating it, the CreditCard Ethernet Adapter 10/100 is designed to give you purchase flexibility based on your network migration needs. Two options are available: *Ready* for seamless connectivity to both 10Mbps and 100Mbps networks with a single adapter cable, or *Upgradable* for 10Mbps-only connections today with the option for future implementation of 100Mbps networks.

The **CreditCard Ethernet 10/100-Ready** provides instant access to both 10Mbps and 100Mbps networks right out of the box. Make a PC Card investment that will last, even if you are still just evaluating Fast Ethernet--use it to connect to your 10Mbps network today, and the adapter will seamlessly connect at 100Mbps once you implement a Fast Ethernet network.

The **CreditCard Ethernet 10/100-Upgradable** is the only 10Mbps PC Card that is upgradable to 100Mbps. This adapter is a full-featured, cost-effective 10Mbps solution with the added benefit of upgradability to 100Mbps.

The ultimate in flexibility, Xircom's CreditCard Ethernet Adapter 10/100 offers you investment protection, whether you simply need 10Mbps connectivity, or plan to implement Fast Ethernet.

Features and Benefits

CreditCard Ethernet 10/100-Ready

- *100Mbps connectivity* - Allows portable PCs to connect to either 10Base-T or 100Base-TX Ethernet networks
- *Auto-negotiation of 10 or 100Mbps Ethernet connection rate* - Adapter automatically connects at the correct network speed without reconfiguration
- *Forward and backward driver compatibility* - Works with all versions of CreditCard Ethernet Adapter 10/100 drivers without modification
- *Lower power consumption* - New adapter design with integrated 100Mbps transceiver reduces power consumption for extended battery life

Features Common to Ready and Upgradable Models

- *Full suite of network driver support* - 16-bit real mode NDIS and ODI drivers, packet driver, 32-bit ODI driver, and 32-bit NDIS3 driver support for Windows 95 and Windows NT included.
- *Easy setup* - Plug and Play with Windows 95. Windows 3.x installation program automatically configures adapter setup directly from Windows versions 3.1 and 3.11.
- *SNMP network management agent included* - Allows portable PC to be managed using SNMP-based network management software
- *HotSwap support* - Makes it easy to replace one card with another while power is on; or to gracefully disconnect from the network
- *Full duplex operation at 10Mbps* - allows adapter to send and receive simultaneously, improving throughput on full-duplex enabled networks
- *Compatible* - 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

Models Available

CE3B-100BTX

CreditCard Ethernet Adapter 10/100-Ready

with integrated 100Mbps transceiver

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)

CE3-10BT

CreditCard Ethernet Adapter 10/100-Upgradable

Supports 10Base-T networks. Upgradable to 100Mbps with purchase of 10/100Mbps Upgrade Kit, model CE3CBL-100BTX.

Cable: 10Base-T unshielded twisted pair (UTP)

Connector: RJ-45

Operating Distance: 328 ft. (100m)

CE3-10BC

CreditCard Ethernet Adapter 10/100-Upgradable

Supports 10Base-T and 10Base-2 networks with individual adapter cables. Upgradable to 100Mbps with purchase of 10/100Mbps Upgrade Kit, model CE3CBL-100BTX.

Cables: 10Base-T unshielded twisted pair (UTP); 10Base-2 coaxial cable (thin Ethernet)

Connectors: RJ-45 for 10Base-T; BNC for 10Base-2

Operating Distances: 328 ft. (100m) for 10Base-T; 607 ft. (185m) for 10Base-2

Standards

Type II PCMCIA Card

IEEE 802.3 for 10Base-T and 10Base-2

IEEE 802.3u for 100Base-TX

10/20Mbps full duplex (10Mbps networks only)

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:

Model CE3B-100BTX

10Base-T +5V DC, 320 mA typical, 460 mA max

100Base-TX +5V DC, 340 mA typical, 490 mA max

Model CE3-10BT

10Base-T +5V DC, 195 mA typical, 230 mA max

Model CE3-10BC

10Base-T +5V DC, 195 mA typical, 230 mA max

10Base-2 +5V DC, 280 mA typical, 330 mA 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

Power On (green for 10Base-2)

Transmission Activity (yellow - all models)

Link Integrity (green for 10Base-T)

Link Integrity (orange for 100Base-TX)

Memory Size

32 KB RAM packet buffer

Certification

Model CE3B-100BTX: FCC Class B, CE Mark

Models CE3-10BT and CE3-10BC: FCC Class A, CE Mark

Hardware Compatibility

Supports all popular PC Card (PCMCIA) compliant PCs including AST, Compaq, Dell, Digital, Epson, Gateway 2000, HP, IBM, NEC, Sharp, Texas Instruments, Toshiba, and Zenith Data Systems

Software Compatibility*Card and Socket Services -*

Supports most Card and Socket Services including Award, Databook, IBM, Phoenix, SystemSoft, and VMI.

Network Operating Systems -

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

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.