



EtherEZ PC Card

PCMCIA Ethernet Network Card 10BASE-T and Combo Models



The Easy Way to Make Your Network Connections

SMC's EtherEZ™ PC Card is compatible with all leading laptop and notebook computers. This PCMCIA network card provides portable convenience along with the features you want most—speed, compatibility, ease of use, and low power consumption.

SMC's SimulTasking™ pipelined data transfer technique gives you top network performance. And, SMC's EZStart™ utility makes connection to your network quick and easy. A single EZStart menu choice configures the card and loads all necessary drivers automatically, providing an effortless connection to a NetWare LAN. The card also works well with native Card and Socket Services software (software included with your laptop), so common card and system problems can be easily resolved.

Since the EtherEZ PC Card is hot-swappable, you don't need to turn off your notebook PC to remove or insert it. And, it features low power consumption to extend your computer's battery life.

The EtherEZ PC Card is available with a choice of external cable modules. With the combo model, you get an RJ-45 connector for twisted-pair cable and a BNC connector for thin coax cable. With the 10BASE-T model, you get one twisted-pair connection. There's even a travel pouch so you can keep all your connectivity tools in one place.

Features/Benefits

Outstanding Performance

- ◆ SMC's unique SimulTasking pipelined data transfer technique for top performance
- ◆ Low power consumption extends your computer's battery life

Quick and Easy Installation

- ◆ Auto-configurable for plug and play installation
- ◆ Windows 95-ready
- ◆ EZStart utility simplifies driver installation and troubleshooting
- ◆ Compatible with Card and Socket Services Software
- ◆ Single EZStart menu choice for NetWare LAN connections automatically configures the adapter and loads drivers
- ◆ LEDs indicate network and adapter status
- ◆ Hot-swappable
- ◆ Auto-media detect on combo model

Compatible

- ◆ IEEE 802.3 and ISO/IEC 8802-3 standards
- ◆ Multifunction PC Card Standard
- ◆ PCMCIA Type II

Reliable

- ◆ Limited lifetime warranty
- ◆ FCC Class B certified
- ◆ CE marking
- ◆ Compliant with international safety and emissions standards

Support for Popular Network Operating Systems

- ◆ Novell NetWare: DOS ODI and OS/2 ODI
- ◆ Microsoft: Windows 95, Windows for Workgroups, Windows NT, and LAN Manager
- ◆ NDIS: DOS and OS/2
- ◆ Banyan VINES
- ◆ IBM LAN Server
- ◆ DEC Pathworks
- ◆ Packet Driver
- ◆ UNIX: SCO and UNIXWare
- ◆ Plus many other drivers available on SMC's Bulletin Board or FTP site

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World Wide Web
<http://www.smc.com/>

EtherEZ PC Card

PCMCIA Ethernet Network Card

10BASE-T and Combo Models

Specifications

Network Specifications

Network Interface

RJ-45 (UTP Cable: EIA/TIA
Categories 3, 4, 5)
BNC (Coax Cable: RG-58A/U or
RG-58C/U)

Diagnostic LEDs

Network Activity
Link Integrity

Adapter Specifications

Power Consumption

8020T
+5 VDC ± 5% @ 65 mA
(Typical/Idle)

8020BT
10BASE-T Mode
+5 VDC ± 5% @ 65 mA
(Typical/Idle)

10BASE2 Mode
+5 VDC ± 5% @ 130 mA
(Typical/Idle)

Connectors

8020T (10BASE-T): RJ-45 connector
8020BT (Combo): RJ-45 and BNC
connectors

Physical Size and Weight

Height: 3.37 in. (8.6 cm)
Width: 2.13 in. (5.4 cm)
Depth: 0.2 in. (0.51 cm)
Weight: 1.1 oz. (31 gm)

RAM Buffer Size

4 KB

Standards

IEEE 802.3 Ethernet
ISO/IEC 8802-3 Ethernet
PC Card Standard
PCMCIA Type II

Bus Interface

68-pin PCMCIA (PC Card) Standard
connector

Temperature

Operating: 32° to 131° F (0° to 55° C)
Storage: -4° to 158° F (-20° to 70° C)

Humidity

Operating: 10% to 90%
Storage: 5% to 95%

Compliances

Safety

UL 1950
EN60950 (TÜV)
CSA 22.2 No. 950 (UL)

Emissions

FCC Class B
CDOC Class B
EN55022 (CISPR 22) Class A
VCCI Class 1
CE Mark

Mean Time Between Failures (MTBF)

Over 100 years

Warranty

Limited lifetime

Product	Order Number	Description
EtherEZ PC Card	SMC8020T	10BASE-T Adapter, single-pack
	SMC8020BT	Combo Adapter, single-pack
	SMC8020T-05	10BASE-T Adapter, 5-pack
	SMC8020BT-05	Combo Adapter, 5-pack
Cable Modules	SMC8020CT	Replacement 10BASE-T Cable Module
	SMC8020CBT	Replacement Combo Cable Module

SMC[®]
STANDARD
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CORPORATION

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