

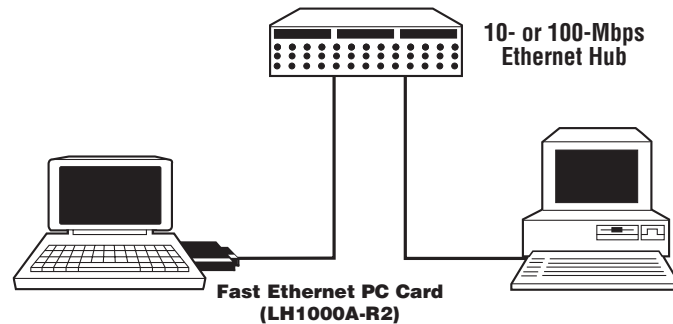
# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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### Fast Ethernet PC Card Fast Ethernet PC Card +56K Modem

*Migrate to 100-Mbps networks  
with this autosensing Card.*



#### Key Features

- ▶ Dual-speed 10-Mbps (10BASE-T) and 100-Mbps (100BASE-TX) operation.
- ▶ Automatic sensing and switching between 10- and 100-Mbps operation.
- ▶ Full duplex—*independent Transmit and Receive circuits allow for full-duplex operation at both 10- and 100-Mbps, giving the Card a maximum throughput of 200 Mbps.*
- ▶ A single RJ-45 connector supports both 10- and 100-Mbps operations.
- ▶ Platform-independent—*supports all PCMCIA 2.1, Type II-compliant PCs.*
- ▶ PCMCIA Card and Socket Services support.
- ▶ Easy installation and configuration.
- ▶ Direct Enablers and configuration.
- ▶ Select Ethernet Card or Ethernet Card +56K Modem.
- ▶ Supports all major Network Operating Systems.
- ▶ Superior Ethernet throughput performance using dynamic pipelining technology.
- ▶ Problem-free upgrade from 10- to 100-Mbps networks.

The Fast Ethernet PC Card is a dual-speed high-performance adapter that connects your portable computer to both standard 10-Mbps (10BASE-T) and the newer 100-Mbps (100BASE-TX) Ethernet networks.

It automatically senses and switches between 10- and 100-Mbps operation and includes a single RJ-45 connector that supports both standards. Independent Transmit and Receive circuits allow for full-duplex operation at both 10- and 100-Mbps, giving the adapter a maximum throughput of 200 Mbps.

The Fast Ethernet PC Card comes with a full set of drivers. ODI™ client and ODI server support Novell® NetWare® workstations and servers. NDIS3 supports Microsoft® Windows® 95, Windows NT™, and Windows for Workgroups. NDIS2 supports Microsoft LAN Manager, Banyan® VINES™, Artisoft® LANtastic®, Packet Driver for TCP/IP, and SCO® UNIX®. All drivers support both 10- and 100-Mbps operation.

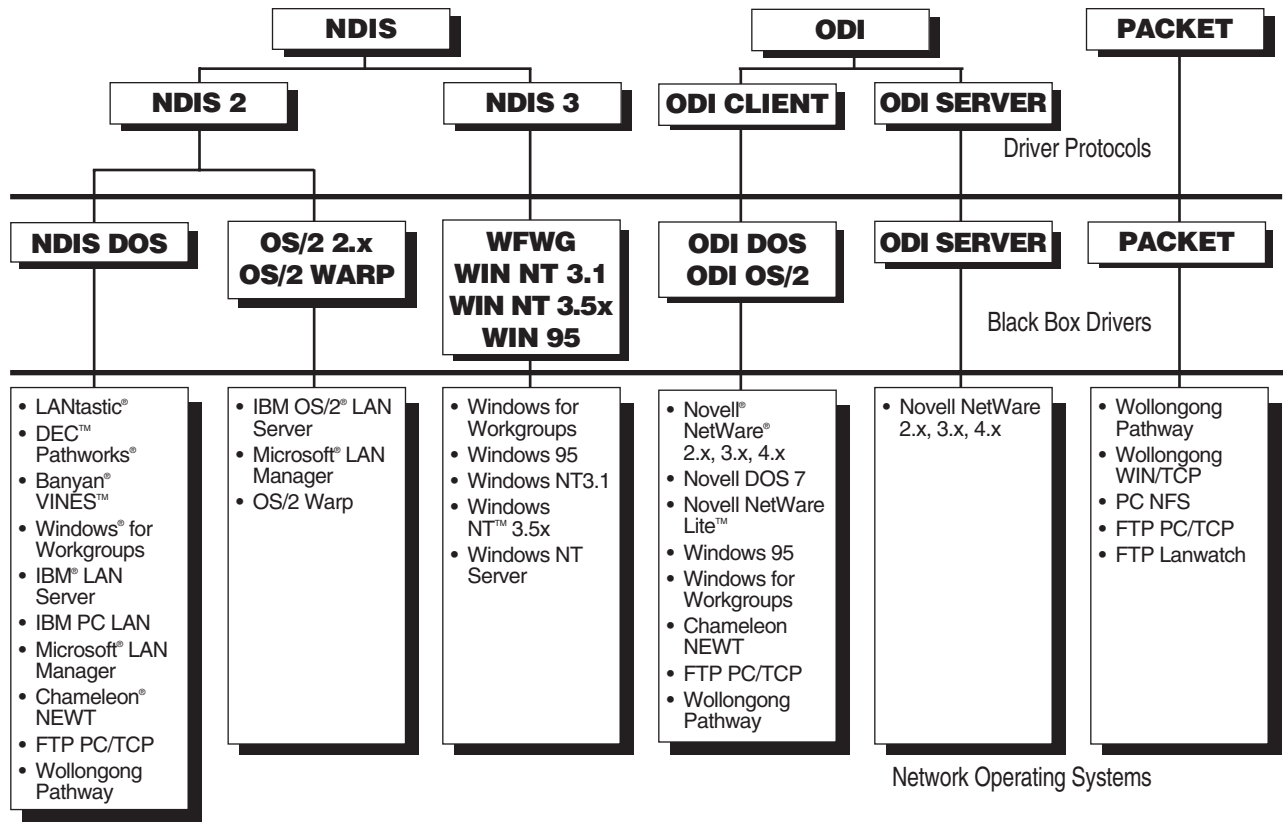
Full support from all major Card and Socket

Services software vendors ensures PCMCIA compatibility and Plug-and-Play installation. You also get a full set of direct enablers to support all major socket controllers.

The Fast Ethernet PC Card is an excellent solution if you need to connect to new Fast Ethernet networks—especially if you need to alternate between 10- and 100-Mbps networks. The Card provides alternative connections to 10- and 100-Mbps Ethernet LANs—so if your company upgrades the network from 10- to 100-Mbps, you can continue to use your SFE card without spending extra money on a new PCMCIA LAN card.

Also available is a Fast Ethernet PC Card + 56-kbps Modem (LH1001A). It offers all the features of the LH10000A-R2 plus a K56flex™ compliant fax/modem. It installs as a COM port and runs an extended AT command set. And the Flash ROM can be updated to future 56K standards.

Both models use a 16550 UART and feature a 32-bit buffer.



**Specifications**

**Certification** — FCC Part 15, Subpart B, Class A

**Interface Standards** — PCMCIA 2.1, Type II

**Networking Standards** — IEEE 802.3U (Fast Ethernet, 100Base-TX); IEEE 802.3 (Ethernet, 10Base-T)

**Modem Standards (LH1001A only)** — K56flex™, V.34+, V.34, V.32 terbo, V.32bis, V.22bis, V.22A/B, V.23, V.21, Bell 212A and 103

**Operating Humidity** — 0 to 90% non-condensing

**Operating Temperature** — 0 to 50° C

**PCMCIA Software Support** — Cards and Socket Services Direct Enablers

**Connectors** — LH1000A-R2: (1) RJ-45 female; LH1001A: (1) RJ-45 female (1) RJ-11 female

**Power Consumption** — 600mA Max. (Active)

**Size** — 5 x 8.5 x 5.4 cm (0.2"H x 2.1"W x 3.4"D)

**Weight** — 0.1 kg (0.2 lb.) (Including media connection)

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**Ordering Information**

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Fast Ethernet Cardbus PC Card.....	LH10002A