

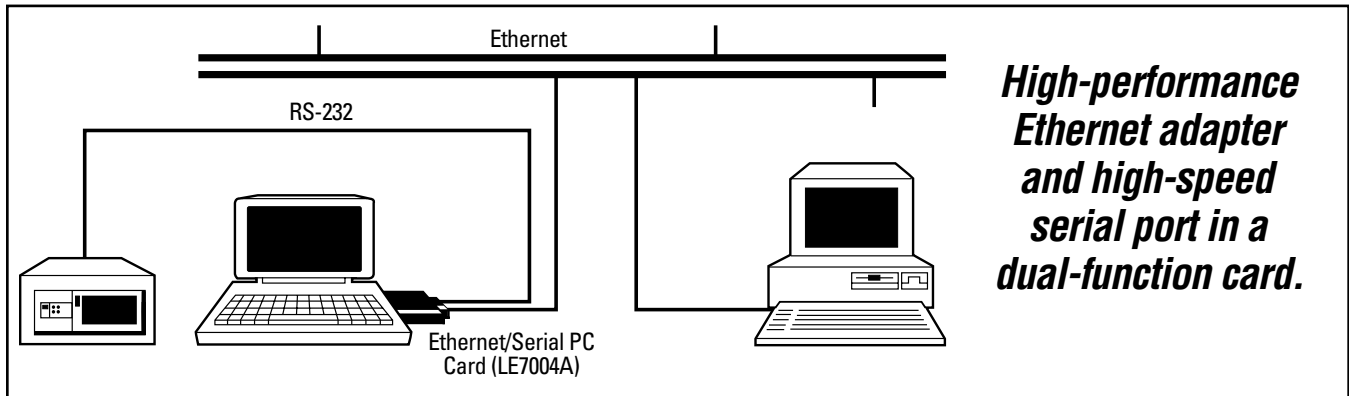
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Black Box Corporation.

# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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## ETHERNET/SERIAL PC CARD



### Key Features

- ▶ **Simultaneous Ethernet and Serial RS-232 port operation.**
- ▶ **Platform independent—supports all PCMCIA 2.1, type II compliant PCs.**
- ▶ **PCMCIA Card and Socket Services support.**
- ▶ **Easy installation and configuration.**
- ▶ **Direct Enablers to reduce memory requirements included.**
- ▶ **Supports all major Network Operating Systems.**
- ▶ **Buffered 16550 UART for fast operation in Windows and OS/2.**
- ▶ **Superior Ethernet throughput performance using dynamic pipelining technology.**
- ▶ **Available with UTP 10Base-T, or with 10Base2 & 10Base-T, Ethernet media connections.**
- ▶ **Industry standard DB9 male connector for serial port connection.**
- ▶ **Serial port installs as a standard COM port.**

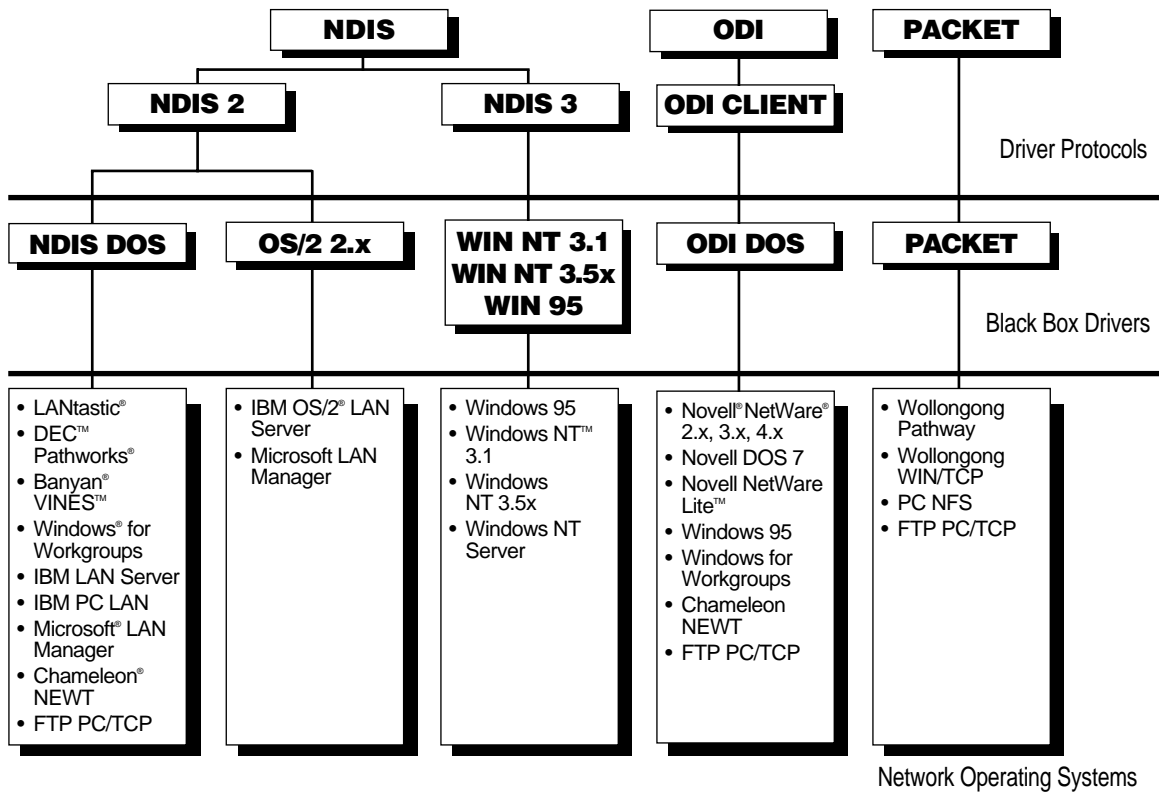
The Ethernet/Serial PC Card integrates a high-performance Ethernet adapter with a high-speed serial port in one dual-function card. The Serial I/O's 16550 UART has built-in data buffers, allowing Windows<sup>®</sup> and OS/2<sup>®</sup> users to run the new generation of fast modems (14.4 kbps and above) at full speed without wasting bandwidth and re-transmitting characters. With the Ethernet/Serial PC Card, portable computer users can have simultaneous access to Ethernet networks while transferring data using a high-speed serial port.

The Serial RS-232 port of the card is designed for mobile professionals who need to connect portable computers to a

wide variety of devices such as medical and scientific data-collection equipment; label printers and bar code scanners; stenographic equipment and external fax/modems.

The Ethernet/Serial PC Card comes with a full set of drivers including ODITM client which supports Novell<sup>®</sup> NetWare<sup>®</sup> workstations; NDIS3 which supports Microsoft<sup>®</sup> Windows<sup>®</sup> 95, Windows NT/2000 and Windows for Workgroups; NDIS2 which supports Microsoft<sup>®</sup> LAN Manager, Banyan<sup>®</sup> VINE/STM, Artisoft<sup>®</sup> LANtastic<sup>®</sup>; and Packet driver to support TCP/IP.





## Specifications

**Serial Port Compatibility:** Installs as standard COM port (1-4)

**16550 UART:** Enhanced UART interface provides buffering of data. This feature is essential in providing reliable high speed communication, when used in multitasking environments such as Windows or OS/2

**Diagnostics:** Power-on self test

**Standard:** RS-232 serial communication

**Certifications:** FCC Part 15, Subpart B, Class A CE

**Ethernet Standard:** IEEE 802.3

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

**Operating Humidity:** 10 - 90% noncondensing

**Operating Temperature:** 0 to 50°C

**PCMCIA Software Support:** Card and Socket Services  
Direct Enablers

**Power Consumption:** UTP: 110 mA (Active), 95mA (Sleep);  
CMB: 310 mA (Active), 290 mA (Sleep)

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

**Weight:** 0.2 lb. (0.1 kg), including all media connections

## Ordering Information

ITEM	CODE
Ethernet/Serial PC Card	
10BASE-T.....	LE7004A-UTP
Combo.....	LE7004A-CMB

