

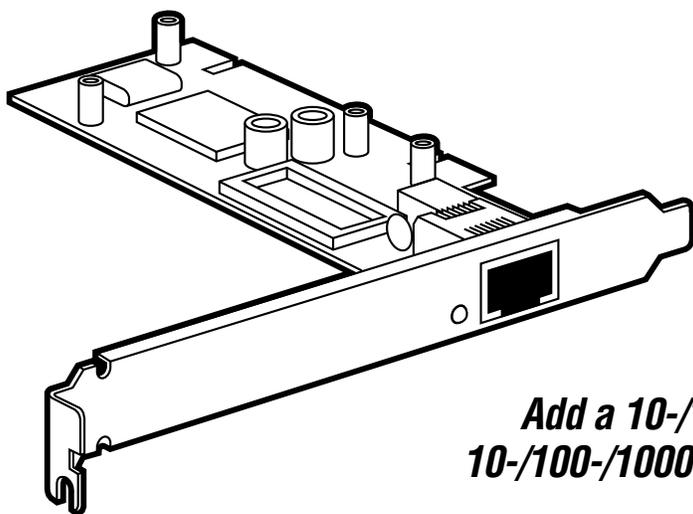
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Black Box Corporation.

# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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## PURE NETWORKING PCI BUS NETWORK ADAPTERS



**Add a 10-/100-Mbps Ethernet port or a 10-/100-/1000-Mbps Ethernet port to your PC.**

### Key Features

- ▶ **The economical way to add a 10-/100-Mbps or 10-/100-/1000-Mbps Ethernet port to a computer.**
- ▶ **Installs easily in a PCI slot.**
- ▶ **Automatically senses network speed.**
- ▶ **32-bit busmastering design.**
- ▶ **Half- or full-duplex operation.**
- ▶ **Includes drivers for most popular operating systems.**
- ▶ **Supports Wake-on-LAN.**

If your PC came without an Ethernet port, you can easily add a port with the Pure Networking PCI Bus Network Adapter. Or, if your computer is equipped with only a 10-Mbps 10BASE-T port, you can upgrade to a 10-/100-Mbps or 10-/100-/1000-Mbps port that supports Fast Ethernet or Gigabit Ethernet.

Two models are available: one for 10/100 Mbps and the other for 10/100/1000 Mbps. Both adapters install easily into the PCI slot of your computer; both work with 10-Mbps Ethernet networks and 100-Mbps Fast Ethernet networks. The LG9230CTX-32 also works with 1000-Mbps Gigabit Ethernet.

Operation is seamless, too. Thanks to autonegotiation technology, the adapter automatically senses the network speed of the connected device.

The adapters support half- or full-duplex operation. In full-duplex mode, the adapter doubles the speed of the type of Ethernet it's connected to—up to 200 Mbps (for the LE1600C-R2) or 2000 Mbps (for the LG9230CTX-32)!

Here's how it works: When you're using a 10BASE-T network, the PC is connected to the peripheral device via two pairs of Category 3, 4, or 5 cable. When

your network is 100BASE-TX, the cable type is Category 5 and the connection uses two pairs of the CAT5 cable. Step up to a 1000-Mbps network, and the PC will operate over four pairs of Category 5 cable.

A CD-ROM is included with the LG9230CTX-32. It contains drivers to support Windows<sup>®</sup> 98 SE/Me/2000/XP, Windows NT<sup>®</sup>, NetWare<sup>®</sup> 3.x/4.x/5.x, Linux<sup>®</sup>, UNIX<sup>®</sup>, Packet Driver, and Macintosh<sup>®</sup> 8.5, 8.6, 9.0, and 9.1. In addition to these drivers, the LE1600C-R2 also supports Windows 95 and 98.

## Specifications

**Topology:** Star

**Speed:** LE1600C-R2: 10 Mbps and 100 Mbps;  
 LG9230CTX-32: 10-Mbps half-duplex, 20-Mbps full-duplex; 100-Mbps half-duplex, 200-Mbps full-duplex; 1000-Mbps full-duplex

**Standards:** LE1600C-R2:  
 IEEE 802.3 10BASE-T,  
 IEEE 802.3u 100BASE-TX,  
 PCI Bus 2.1/2.2;  
 LG9230CTX-32:  
 IEEE 802.3 10BASE-T,  
 IEEE 802.3u 100BASE-TX,  
 IEEE 802.3ab 1000BASE-T,  
 IEEE 802.3x, PCI Bus 2.2

**Connectors:** (1) RJ-45

**Indicators:** (2) LEDs (located on the card's inside back plate):  
 (1) Speed, (1) Link/Activity

**Temperature Tolerance:** 32 to 131°F  
 (0 to 55°C)

**Relative Humidity:** Up to 95%,  
 noncondensing

**Power:** From the interface

**Size:** 4.7"H x 1.6"W x 0.6"D  
 (11.9 x 4.1 x 1.5 cm)

**Weight:** 0.12 lb. (0.05 kg)

## What's Included

- (1) Pure Networking 10-/100-Mbps or 10-/100-/1000-Mbps PCI Bus Network Adapter
- (1) CD-ROM containing software drivers and a users' manual

## Ordering Information

ITEM	CODE
Pure Networking PCI Bus Network Adapter	
10/100 .....	LE1600C-R2
10/100/1000.....	LG9230CTX-32
<i>To build a network or add more PCs to your network, order...</i>	
Pure Networking 10/100 Ethernet Switches	
5-Port .....	LB8505A
8-Port .....	LB8508A
16-Port.....	LB8516A
For more information, request or download <b>Product Data Sheet 10360</b> or contact Technical Support.	
<i>To share a broadband connection among network users, order...</i>	
Pure Networking Broadband Router .....	LR9603A
For more information, request or download <b>Product Data Sheet 10353</b> or contact Technical Support.	
<i>For optimum performance, order...</i>	
GigaBase® 350 CAT5e Patch Cable with Snagless Boots, 350-MHz, 24 AWG, RJ-45, 4-Pair, T568B, PVC, Blue, 10-ft. (3-m).....	EVNSL81-0010