

## ***USB to Ethernet Adapter***

### **Model EN1045A**

The **EN1045A** USB Ethernet Adapter provides an outside-the-box plug-and-play local area network connection for USB-enabled PCs, notebooks and laptops. The device uses a USB type B receptacle for connection to the USB host or hub, and an RJ-45 receptacle for attachment of a 10BASE-T Ethernet LAN link.



The USB Ethernet Adapter is bus-powered, conveniently drawing power from the Universal Serial Bus itself, so no external power supply connection is required. As a USB bus-powered device, the Ethernet Adapter draws less than 500 mA from the upstream PC or hub. Compatibility with USB Specification 1.0 provides support for energy saving suspend and resume operations.

Network application software compatibility with the USB Ethernet Adapter is provided through its use of a standard NDIS interface device driver. Standard Winsock API protocol stacks included with the Windows operating systems utilize the NDIS interface. The device driver is easily installed through the utilities that are included.

### **Features**

- 1 upstream PC USB port, B-type connector for standard USB cable connection
- 1 Ethernet 10BASE-T link receptacle, type RJ-45
- Windows 95 and Windows 98 compatible NDIS driver
- LED status indicators for Link and Traffic
- Compact, rugged case, ideal for use with portable laptop or notebook PCs
- Bus powered, external power supply not required
- Supports energy-saving suspend and resume functions
- Multi-megabit burst data transfer rates

### **Benefits**

- Ease-of-installation -- automatic enumeration and resource management
- Compatibility - works on 802.3 standard 10BASE-T Ethernet LANs
- Speed - data communications capability at LAN speeds

### **USB Ethernet Adapter -- Technical Specifications**

#### Ports:

- 1 upstream PC port with USB type B receptacle
- 1 Ethernet 10BASE-T link receptacle, type RJ-45

#### Physical Dimensions:

- 2.5" x 2.2" x .8"
- 6.4 cm x 5.6 cm x 2 cm

#### Power:

- Bus powered from USB host controller or hub

B&B Electronics -- September 1998

### **B&B Electronics Mfg. Co.**

707 Dayton Road - P.O. Box 1040 - Ottawa, IL 61350 USA  
Phone: (815) 433-5100 - Fax: (815) 434-5105  
Home Page: [www.bb-elec.com](http://www.bb-elec.com)  
Sales e-mail: [sales@bb-elec.com](mailto:sales@bb-elec.com) - Fax: (815) 433-5109  
Technical Support e-mail: [support@bb-elec.com](mailto:support@bb-elec.com) - Fax: (815) 433-5104

### **B&B Electronics Ltd**

Westlink Commercial Park - Oranmore, Co. Galway - Ireland  
Phone: (353) 91 792444 - Fax: (353) 91 792445  
Home Page: [www.bb-europe.com](http://www.bb-europe.com)  
Sales e-mail: [sales@bb-europe.com](mailto:sales@bb-europe.com)  
Technical Support e-mail: [support@bb-europe.com](mailto:support@bb-europe.com)