

*Unleash the Power  
of Hi-Speed USB*

DUB-E100

Up to  
**16X**  
Faster  
\*See Back for Details



- True 10/100Mbps Network Connectivity
- Hi-Speed USB 2.0 Compatible
- Auto 10/100Mbps Speed Detection
- Compatible with Microsoft<sup>®</sup> Windows XP, Me, 2000 and 98 Second Edition

## USB 2.0 Fast Ethernet Adapter

**480**  
Mbps Speed

**FOR**  
DESKTOPS

**FOR**  
LAPTOPS

**24/7**  
TECH  
SUPPORT  
(USA ONLY)

The D-Link DUB-E100 is a Hi-Speed USB 2.0 10/100Mbps Fast Ethernet Adapter specifically designed to plug into an available Universal Serial Bus (USB) port on a desktop or laptop PC running Microsoft Windows XP, Me, 2000 or 98SE. Based on USB 2.0, the DUB-E100 extends the transfer speed of earlier USB Fast Ethernet adapters to true 10/100Mbps connectivity.

As a USB device, the D-Link DUB-E100 eliminates the need to use an ISA, PCI, or PC Card slot to add LAN connectivity to a PC desktop or laptop computer. Installation and use are further simplified by living up to USB's out-of-the-box installation approach to connecting computer peripherals. You will not need to open the case of your computer, nor will you be required to set IRQ's. The D-Link

DUB-E100 represents the simplest way to connect your computer to an Ethernet based network.

The D-Link DUB-E100 provides a standard RJ-45 connector for a quick and simple method of connecting to an Ethernet 10Mbps or Fast Ethernet 100Mbps based LAN via a network hub or switch. The built-in USB 2.0 cable connects directly to your computer or laptop.

Power for the DUB-E100 is provided directly by the USB bus, eliminating the need for an external power adapter. It also supports USB's energy saving suspend and resume functions to minimize power consumption, which is especially useful for laptop/notebook users.

# USB 2.0 Fast Ethernet Adapter



DUB-E100

## SPECIFICATIONS

### General

- USB Specification Version 2.0
- USB Specification Version 1.1
- USB Specification Version 1.0 OHCI (Open Host Controller Interface)
- EHCI (Enhanced Host Controller Interface)
- IEEE 802.3 Ethernet
- IEEE 802.3u 100BASE-T, TX and T4 compatible
- Supports suspended mode and remote wakeup
- Embedded 7K \* 16 bit SRAM Buffer
- Supports full and half duplex in Fast Ethernet

### Compatible Operating Systems

- Microsoft Windows XP, Me, 2000, 98SE with USB Support

### Ports/Connector

- One USB Type "A" connector
- One RJ-45 (10/100 Mbps Dual-Speed)

### Wiring Topology

Tiered Star

### Connectivity

Up to 127 devices by cascading multiple hubs

### Diagnostic LED's

- Power/Link
- Tx/Rx Traffic

### Operating Temperature

0°C to 55°C

### Storage Temperature

-20°C to 70°C, non-condensing

### Humidity

5% to 95%, non-condensing

### Power Requirements

Bus Powered - 2.5 W, 0.5 A @ 3.3 VDC (+ or - .3 VDC)

### Power Consumption

150mA @ 3.3 VDC

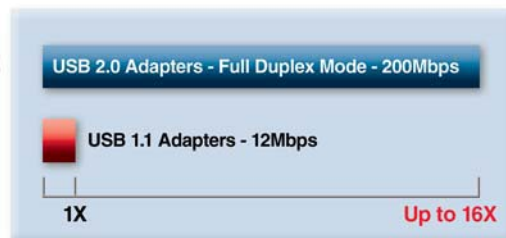
### Compliance

CE, FCC Class B, VCCI, UL

### Warranty

1 Year

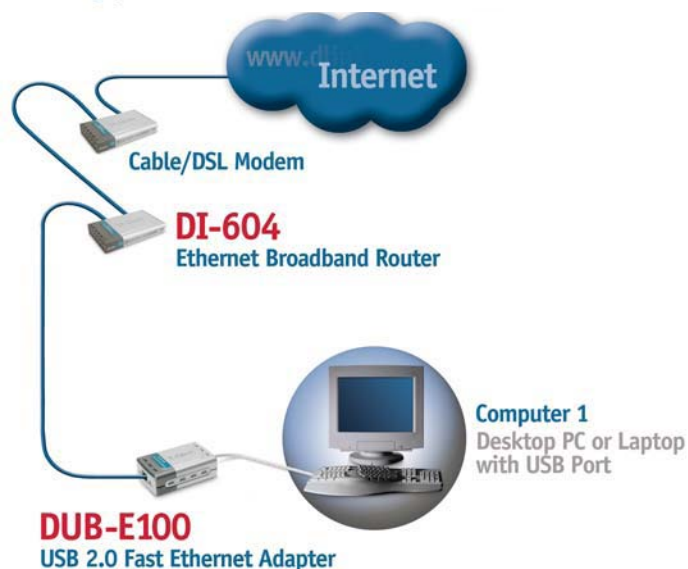
Technology



Performance

The DUB-E100 transfers data at up to 16 times faster than competing USB 1.1 solutions in Full Duplex mode within a USB 2.0 environment by utilizing the 480Mbps throughput speed of Hi-Speed USB 2.0.

## Typical DUB-E100 Installation



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 Other trademarks or registered trademarks are the property of their respective manufacturers or owners.  
 Price and specifications are subject to changes without notice. See inside package for warranty details.  
 \* 24/7 Tech Support is available only in USA.  
 †Maximum transfer rate based on USB 2.0 specifications.  
 Actual data throughput will vary.

**D-Link®**  
 Building Networks for People