



USB 2.0 Fast Ethernet Adapter

The DUB-E100 is a high-speed USB 2.0 10/100Mbps Fast Ethernet adapter for Windows-based desktop and notebook PCs. This adapter is designed to simply plug into any available Universal Serial Bus (USB) port on your computer to connect you to a Fast Ethernet network. Based on USB 2.0, the adapter extends the transfer speed of earlier USB Fast Ethernet adapters to true 10/100Mbps connectivity.

USB 2.0 for True 10/100Mbps Speed

The USB port of the adapter gives you throughput of up to 480Mbps to your computer. That's about 40 times faster than USB 1.1, the earlier USB specification. Now you can take full advantage of your Fast Ethernet network speed to transfer files, send e-mail and upload/download images.

USB Plug-and-Play

As a USB device, this adapter eliminates the need to open your computer's cover to plug a network card into an expansion slot. It also saves your notebook's PC Card slot for other use. 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 have to set IRQ's and other settings for your network connection. configuration is automatic at computer power up, and the

adapter is hot pluggable. The DUB-E100 is equipped with an attached USB 2.0 cable that directly connects to any USB port on your computer. It is backward compatible with USB 1.1, so you can use the adapter with USB 1.1 ports as well (in case no USB 2.0 port is available). The DUB-E100 represents the simplest way to connect your computer to an Ethernet-based network.

Energy Saving Suspend/Resume Function

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

Features

- 10/100Mbps RJ-45 port for connection to Fast Ethernet switch
- USB 2.0 port with attached USB Type A cable for direct connection to PC host
- Ethernet port supports auto-sensing speed, full/half duplex auto-negotiation
- Bus-powered from USB host or USB hub, no external AC power adapter needed
- Embedded 7K x 16-bit SRAM buffer
- Energy saving suspend/resume function
- Runs Windows 98 SE, ME, 2000, XP
- Plug-and-Play installation, hot-swappable

DUB-E100

Technical Specifications

USB 2.0 10/100Mbps Adapter

USB Standards

- USB 1.0, 1.1, 2.0
- OHCI
- EHCI

LAN Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation

Bus-power Supplied

Up to 500mA

Ports

- RJ-45
- 10/100Mbps Fast Ethernet port
- USB 2.0 port directly attached to Type A cable

Diagnostic LEDs

- Power/Link
- Tx/Rx

Physical & Environmental

Operating Voltage

2.5W, 0.5A @ 3.3VDC +/- 10%

Power Consumption

150 mA @ 3.3VDC

Dimensions

81 (L) x 52 (W) x 28 (H) mm

Weight

100 grams

Operating Temperature

0° - 55°C

Storage Temperature

-20° - 70°C

Non-Operating Humidity

0% - 95% non-condensing

Operating Humidity

5% - 95% non-condensing

Emission (EMI)

- FCC Class B
- CE Class B

O.S. Support

Windows 98SE, ME, 2000, XP



Ordering Information

DUB-E100

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D-Link®

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