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Building Networks for People

Product Highlights

True Gigabit Speed

Enjoy lightning-fast gigabit speeds without the need for installing a new network card.

No Installation Needed

Simply connect to an available USB 3.0 port to enjoy gigabit connectivity in seconds; no further installation necessary.

Energy-saving Power Management

Dynamic power management reduces power usage during periods of light traffic, when idle , or when Ethernet cable is unplugged.

DUB-1312
USB 3.0 to Gigabit Ethernet Adapter

Features

Gigabit Connectivity

- Achieve transfer speeds of up to 1 Gbps
- Status LEDs for connection status and data transfer speed

USB 3.0 with Simple Installation

- Simply plug in, install the included software, and you're ready to go
- No additional hardware installation required, leaving expansion slots free for other uses
- Small and compact design makes it easy to take with you wherever you go

Dynamic Power Management

- Reduces power consumption during times of light traffic, when idle, or when the Ethernet cable is unplugged
- Supports the built-in power-saving features of the USB 3.0 standard
- Especially useful for battery-powered notebook and netbook computers

The DUB-1312 USB 3.0 to Gigabit Ethernet Adapter allows you to instantly add gigabit connectivity to your desktop, notebook, or netbook computer. Just plug the DUB-1312 in to an available USB 3.0 port and you're ready to connect to your switch, hub, or router with the speed and reliability of a wired gigabit connection.

Gigabit Ethernet Connectivity

The DUB-1312 USB 3.0 to Gigabit Ethernet Adapter plugs into any available USB port on your computer to enable you to connect to an Ethernet network at speeds up to 1 Gbps for up to ten times faster transfer speeds over previous standards. High-speed gigabit Ethernet allows you to transfer large files in no time, or make light work of backups to a server or network storage device. The adapter eliminates the need to open your computer to install a network card, and it also keeps your computer's expansion slots free for other uses.
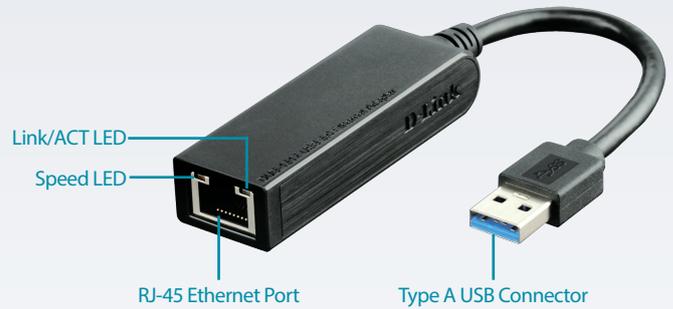
Easy to Install and Use

The DUB-1312 USB 3.0 to Gigabit Ethernet Adapter connects to your computer's USB 3.0 port and is ready to run almost as soon as it's plugged in. There is no need to change any configuration settings on your computer, as the drivers are installed automatically after you insert the included installation CD[1]. For extra convenience, the adapter's compact design means you can easily slip the DUB-1312 into your pocket or laptop bag and take it with you.

Energy-saving Functionality

Power to the DUB-1312 is provided directly by the USB port, eliminating the need for an external AC power adapter. The DUB-1312 not only supports the USB 3.0 standard's power-saving features, but also includes an energy-saving suspend and resume function to minimize power consumption when network traffic is light, the device is idle, or when the Ethernet cable is unplugged. This feature is especially useful if you are using a notebook or netbook computer, as it helps conserve battery life, allowing you to keep working for longer without needing to recharge.

Hardware Overview

Link/ACT LED

Speed LED

RJ-45 Ethernet Port

Type A USB Connector

Technical Specifications

Connectivity

Device Interfaces	• RJ-45 Ethernet Port (10/100/1000 Mbps)	• USB Type A Connector
LEDs	• Speed (orange)	• Link/ACT (green)
Standards	• USB Specification Version 3.0 • 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 • Supports full and half duplex in gigabit Ethernet mode

General

Minimum System Requirements	• Microsoft Windows 10/8/7/Vista • Mac OS 10.6 to 10.12	• Linux kernel 2.6.14x or above
Power Management	• Advanced Power Management reduces power usage during idle or light traffic periods	

Physical

Dimensions (including plug and cable)	• 210 x 24 x 16 mm (8.27 x 0.95 x .063 inches)	
Weight	• 28.5 grams (1.0 oz)	
Power	• Input: Bus-powered 500 mA, 5 V DC	• Consumption: 150 mA, 3.3 V DC
Temperature	• Operating: 0 to 45 °C (32 to 113 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 90% non-condensing
Certifications	• CE	• FCC

Order Information

Part Number	Description
DUB-1312	USB 3.0 to Gigabit Ethernet Adapter

[1] Windows operating systems support plug-and-play functionality. Other operating systems may require software installation before the product can be used. Recent versions of Windows require users to confirm before automatic installation can begin.

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