

## Product Highlights

### True Gigabit Speed

Enjoy lightning-fast gigabit speeds with SuperSpeed USB 3.0 support. Fully backwards compatible with previous USB standards.

### No Installation Needed<sup>1</sup>

Simply connect to an available USB 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 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<sup>1</sup>
- 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
- Fully backwards compatible with previous USB standards

### 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 Gigabit Ethernet Adapter allows you to instantly add gigabit connectivity to your desktop, notebook, or netbook computer. Combining SuperSpeed USB 3.0 with Gigabit Ethernet connectivity, you can transfer large files in no time, stream high definition movies without buffering, or make light work of backups to a server or network storage device. Simply plug the DUB-1312 in to an available USB 3.0 port and you're ready to connect to your network with the speed and reliability of a wired gigabit connection. The DUB-1312 is also fully backwards compatible with previous USB standards.

## Easy to Install and Use

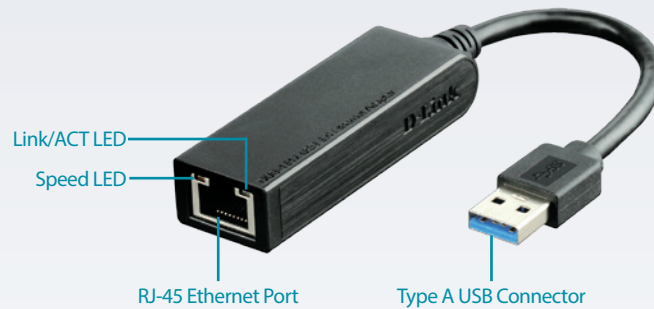
Simply plug in the DUB-1312 USB 3.0 Gigabit Ethernet Adapter to your computer's USB 3.0 port and it will be installed and ready in a matter of seconds. The drivers are installed automatically<sup>1</sup>, there is no need to install additional programs or fiddle around with your computer settings. For 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. If you are adding Gigabit connectivity to your desktop, the DUB-1312 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.

## 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.

# DUB-1312 USB 3.0 Gigabit Ethernet Adapter

## Hardware Overview



## Technical Specifications

### Connectivity

Device Interfaces	<ul style="list-style-type: none"> <li>• RJ-45 Ethernet Port (10/100/1000 Mbps)</li> </ul>	<ul style="list-style-type: none"> <li>• USB Type A Connector</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Speed (orange)</li> </ul>	<ul style="list-style-type: none"> <li>• Link/ACT (green)</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• USB Specification Version 3.0</li> <li>• USB Specification Version 2.0</li> <li>• USB Specification Version 1.1</li> <li>• USB Specification Version 1.0</li> <li>• OHCI (Open Host Controller Interface)</li> </ul>	<ul style="list-style-type: none"> <li>• EHCI (Enhanced Host Controller Interface)</li> <li>• IEEE 802.3 Ethernet</li> <li>• IEEE 802.3u 100BASE-T, TX, and T4 compatible</li> <li>• Supports suspended mode and remote wakeup</li> <li>• Supports full and half duplex in gigabit Ethernet mode</li> </ul>

### General

Minimum System Requirements	<ul style="list-style-type: none"> <li>• Operating system: Microsoft Windows 8/7/Vista/XP SP3</li> </ul>	<ul style="list-style-type: none"> <li>• Mac OS 10.6 to 10.8</li> <li>• Linux kernel 2.6.14x or above</li> </ul>
Power Management	<ul style="list-style-type: none"> <li>• Advanced Power Management reduces power usage during idle or light traffic periods</li> </ul>	

### Physical

Dimensions	<ul style="list-style-type: none"> <li>• 74.4 x 21 x 16 mm (2.93 x 0.83 x .063 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 46.4 grams (1.64 oz)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: Bus-powered 500 mA, 5 V DC</li> </ul>	<ul style="list-style-type: none"> <li>• Consumption: 150 mA, 3.3 V DC</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 45 °C (32 to 113 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 70 °C (-4 to 158 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 90% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> </ul>

<sup>1</sup> Windows operating systems support plug-and-play functionality. Other operating systems may require software installation before the product can be used. Windows XP requires users to confirm before automatic installation can begin.



For more information: [www.dlink.com](http://www.dlink.com)

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