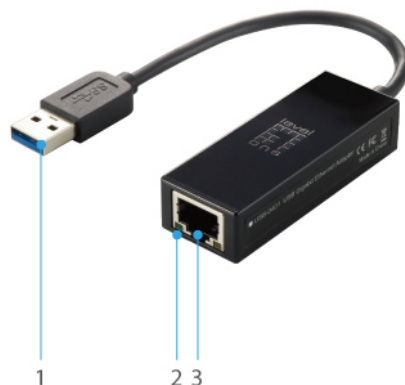USB-0401 Version: 4

Gigabit USB Network Adapter

The LevelOne USB Gigabit Ethernet Adapter is a USB adapter that enables desktop and notebook computers with high-speed Gigabit network connectivity via the USB port.

The USB-0401 is USB2.0/3.0 compliant, as well as IEEE802.3 (10Mbps), 802.3u (100Mbps) and 802.3ab (1000Mbps) compliant, ensuring that users can utilize any networking nvironment available. It supports hot inserting and swapping, meaning that the USB-0401 can be installed quick and easy without shutting down the computer or opening up the computer box to install new network interface cards.

With low power consumption and mobility without the need of any additional power cords, notebook computer users greatly benefit from using this network interface adapter.

1. USB 3.0 Connector
2. LED Indicators
3. RJ-45 Ethernet Port

Key Features

- Provides an Internet connection through a single USB port
- 10/100/1000Mbps wire speed transmission and reception
- Compatible with USB 3.0 / 2.0 standards
- 4K jumbo frames to increase data transfer rates
- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- Supports IPv4/IPv6 network operation
- No additional power supply required
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Supports Windows XP / Vista / 7 / 8, Mac OS X 10. 6 / 7 / 8

Specifications

System Specifications

Standards & Protocols:
General: IEEE 802.3: 10Base-T (Ethernet)
IEEE 802.3u: 100Base-TX (Fast Ethernet)
IEEE 802.3ab: 1000Base-T (Gigabit Ethernet)
IEEE 802.3x Flow Control (full-duplex flow control)
IEEE 802.3az Energy Efficient Ethernet

Connectors and Cabling:
USB 3.0 (2.0 Compliant)
1 x 10/100/1000Base-T Auto-MDIX RJ-45 port

Indicator:
Green: LAN Connected
Amber: LED on when connected to a 1000Mbps; Ofwhen connected to a 100/10Mbps network

Power:
Power Consumption (W): Operating Mode: 2W
Suspend Mode: 0.19W
Power Input: USB Bus -powered DC5V/900mA

Features

General:
IPv6: IPv4/IPv6 network operation

Management:
Power: Wake-on-LAN

Performance

Data Transfer Rate:
Ethernet: 10Mbps (Half/Full Duplex)
Fast Ethernet: 100Mbps (Half/Full Duplex)
Gigabit: 1000Mbps (Half/Full Duplex)

Jumbo Frame (K):
4K

Environment

Power Saving:
Stand by mode

Temperature (°C):
Operating: 10 ~ 40°C
Storage: 10 ~ 80°C

Humidity (Non-condensing):
Storage: < 85%
Operating: < 85%

Physical Specifications

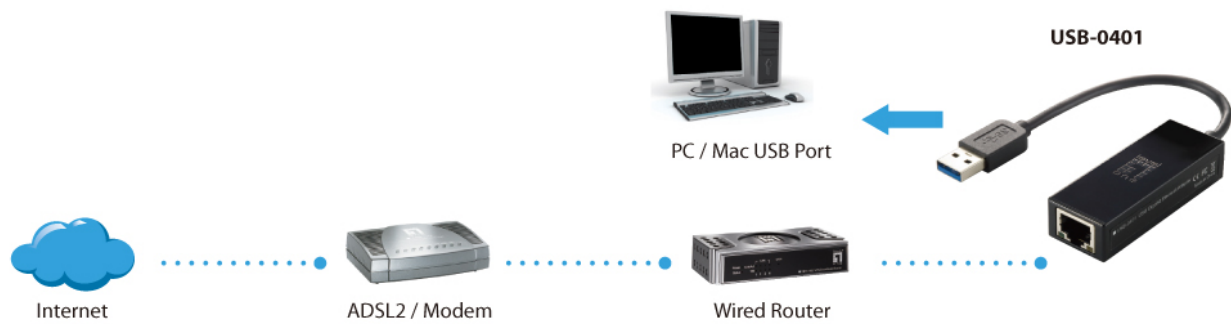Dimensions (W x D x H mm):
64.5 x 23 x 15 mm

Weight (g):
46g

Others

Approval and Compliance:
CE, FCC

Operation Systems:
Windows XP / Vista / 7 / 8; Mac OS X 10.6 / 7 / 8 / 9

Diagram

Order Information

USB-0401

Package Contents

USB-0401
Quick Installation Guide
Resource CD (User Manual, Utility, QIG)