USB-0401 Gigabit USB Network Adapter

Product Images

Short Description

- 10/100/1000Mbps wire speed transmission and reception
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4K jumbo frames to increase data transfer rates
- Built-in Wake-on-LAN feature to startup computers remotely and modern stnadby.
- Supports IPv4/IPv6 network operation
- No additional power supply required
- Multi-platform support: Windows, Mac OS, Linux

Description

The LevelOne USB-0401 Gigabit USB Network Adapter allows you to connect to the internet easily through the built-in USB port on your laptop. This is an ideal solution for MacBook or other Windows computers that may have wireless built-in but don't come with an Ethernet port. Sometimes you need to physically connect to a network cable to help transfer files or access secure information. The USB-0401 easily does the job, all through your USB port.

The USB-0401 is USB 2.0 and 3.0 compliant. It also follows the Ethernet standards set by the IEEE 802.3/3u and 802.3ab, allowing you to take advantage of Gigabit Ethernet speeds of up to 1000Mbps. This provides a strong backbone for any high-speed broadband connection to the internet as well as fast speeds for the Local Area Network file transfers.

This makes the USB-0401 the best choice for reliability, efficiency and standard compliance.

Additional Information

Approval and compliance	● CE ● RoHS
Max. operating temperature (°C)	50
Max. storage humidity (%)	20
Max. storage temperature (°C)	45
Min. storage humidity (%)	75
Min. storage temperature (°C)	-20
Compatible operating systems	● Linux ● Windows XP/Vista/7/8/10 ● macOS X 10.9/10/11/12/13/14/15 ● macOS Big Sur 11.3 ● macOS Monterey 12.0.1
Jumbo frame (KB)	4
Power supply	USB power
Processor	AX88179
Standards	● 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 ● IEEE 802.1P layer 2 Priority Encoding and Decoding ● IEEE 802.1Q VLAN tagging and 2 VLAN ID filtering; received VLAN Tag (4 bytes) can be stripped off or preserved
General features	● Supports all USB 3.0 power saving modes (U0, U1, U2, and U3) ● Supports USB Super/High/Full Speed modes with Bus-power or Self-power device auto-detect capability ● High performance packet transfer rate over USB bus using proprietary burst transfer mechanism (US Patent Approval) ● Supports dynamic cable length detection and dynamic power adjustment Green Ethernet (Gigabit mode only) ● Supports parallel detection and automatic polarity correction ● Supports IPv4/IPv6 packet Checksum Offload Engine (COE) to reduce CPU loading, including IPv4 IP/TCP/UDP/ICMP/IGMP & IPv6 TCP/UDP/ICMPv6 checksum check & generation ● Supports TCP Large Send Offload V1 ● PHY loop-back diagnostic capability ● Support Wake-on-LAN Function ● Supports Bonjour wake-on-demand ● Single 25MHz clock input from either crystal or oscillator source
Product weight (kg)	0.0265
Product breadth (mm)	23.5

Product depth (mm)	16.5
Product height (mm)	245
Color	Black
EAN	4015867227213
Model number	USB-0401
Package contents	• USB-0401 • Quick Installation Guide • Resource CD (User Manual, QIG, Driver)
Network Card Type	Wired
Interface	USB

https://www.level1.com/level1_en/usb-0401-gigabit-usb-network-adapter-54002407901

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