

USB-C to Gigabit Network Adapter, Thunderbolt 3 Compatibility - White

MODEL NUMBER: **U436-06N-GBW**



Connect the USB-C or Thunderbolt™ 3 port on your computer, laptop or smartphone to a wired Ethernet network. Access true Gigabit network speed without the expense and hassle of adding an internal Ethernet card to your device.

Description

The U436-06N-GBW USB 3.1 Gen 1 Type-C to Gigabit Ethernet NIC Network Adapter allows USB Type-C or Thunderbolt™ 3 computers, laptops and smartphones without an NIC (Network Interface Controller) to connect to a network or the Internet using an Ethernet cable. It's a more convenient and less expensive way to connect to the network than opening your device and installing an internal Ethernet card. Connect the adapter's USB-C connector to your device's USB-C or Thunderbolt™ 3 port, and connect the adapter's RJ45 port to your network or Ethernet cable. Just plug and play with no drivers or external power supply needed. It's compact and lightweight for easy carrying in your laptop bag.

The USB 3.1 Gen 1 adapter supports full 10/100/1000 Mbps network speeds, allowing you to transfer a lot of data quickly and stream audio and video. Unlike traditional USB cables that can be attached only one way, the reversible USB Type-C male connector plugs into a USB or Thunderbolt™ 3 port in either direction for fast, fumble-free connection every time. Compliant with IEEE 802.3, 802.3u, 802.3ab and 802.3az standards. Supports 10/100/1000 auto-sensing, twisted-pair crossover detection, auto-correction and Wake-on-LAN power management. Compatible with Windows, Mac and Chromium operating systems. Backward compatible with previous USB versions.

Features

Saves You Time and Money

- Connects USB Type-C or Thunderbolt™ 3 devices to a network or the Internet without buying and installing an internal Ethernet card
- Plug-and-play engineering—no drivers or external power supply necessary
- Compact and lightweight for easy carrying in your laptop bag

Excellent Speed and Versatile Performance

- Sustains full 10/100/1000 Mbps network speeds for fast data transfer
- Complies with IEEE 802.3, 802.3u, 802.3ab and 802.3az (Energy Efficient Ethernet) standards
- Supports 10/100/1000 auto-sensing, twisted-pair crossover detection, auto-correction and Wake-on-LAN
- Compatible with Windows, Mac and Chromium operating systems
- Also works with USB 3.0, USB 2.0 and USB 1.1 ports

Highlights

- Connects a USB Type-C or Thunderbolt™ 3 device to a wired Ethernet network
- Supports full 10/100/1000 Mbps network speeds
- Features reversible USB Type-C male plug on one end
- Compatible with Windows, Mac and Chromium operating systems
- Plug and play—no drivers or external power supply needed

System Requirements

- Computer, tablet, laptop or smartphone with USB Type-C or Thunderbolt™ 3 port
- Windows, Mac or Chromium operating system

Package Includes

- U436-06N-GBW USB 3.1 Gen 1 Type-C to Gigabit Ethernet NIC Network Adapter
- Quick Start Guide



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USB Type-C Male Connector

- Fumble-free reversible plug ensures fast, easy connection every time

Specifications

OVERVIEW	
UPC Code	037332189240
Technology	Cat5/5e; Cat6
Host Connector	USB C (MALE)
INPUT	
Built-In Cable Length (ft.)	0.3
Built-In Cable Length (in.)	3.9
Bus Powered	Yes
Product Length (in.)	6
Product Length (cm.)	15.24
Product Length (ft.)	0.5
Product Length (m)	0.15
BATTERY	
Battery Charging (5V/1.5A Port)	No
POWER	
Power Consumption (Watts)	1.00
USB Power Delivery (PD) Charging Support	No
Power Consumption Detail	1W Maximum
CONNECTIONS	
Number of Ports	1
Ports	1
Ports Detail	10/100/1000 Mbps (Gigabit) Ethernet Support
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	RJ45 (FEMALE)
Connector Plating	Nickel
Contact Plating	Nickel
PHYSICAL	
Color	White



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Material of Construction	ABS, PVC
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	3.9mm
Wire Gauge (AWG)	32
Shipping Dimensions (hwd / in.)	4.70 x 4.00 x 0.80
Shipping Weight (lbs.)	0.08
Unit Dimensions (hwd / in.)	0.630 x 6.561 x 1.063
Unit Dimensions (hwd / cm)	1.60 x 16.66 x 2.70
Unit Packaging Type	Box
Unit Weight (lbs.)	0.06
Unit Weight (kg)	0.03
ENVIRONMENTAL	
Operating Temperature Range	32° to 158°F (0° to 70°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Relative Humidity	5% to 90% RH, Non-Condensing
BTUs	3.1 BTU/Hr
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
FEATURES & SPECIFICATIONS	
USB Specification	USB 3.1 Gen 1 (up to 5 Gbps)
Data Transfer Rate	1 Gbps
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	



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Product Certifications	EN 55024; EN 55032; IEC/EN 63000
Product Compliance	CE (Europe); FCC (USA); IEEE 802.3 10Base-T; IEEE 802.3ab 1000Base-T; IEEE 802.3u 100Base-TX/FX; REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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