

## USB-C to Gigabit Network Adapter with USB-C PD Charging - Thunderbolt 3, White

MODEL NUMBER: U436-06N-G-C



Adds Gigabit Ethernet and USB-C charging ports to the USB-C or Thunderbolt™ 3 port on your computer, laptop, tablet or other compatible device. Access true Gigabit network speeds without installing an internal Ethernet card.

### Description

The U436-06N-G-C USB 3.1 Gen 1 USB-C to Gigabit Ethernet NIC Network Adapter allows USB Type-C or Thunderbolt 3 computers, laptops, tablets and other compatible devices without an NIC (Network Interface Controller) to connect to a network or the Internet using an RJ45 cable. It's a more convenient and less expensive way to connect to a network than opening your device and installing an internal Ethernet card.

No software or drivers are needed. Connect the adapter's USB-C male plug to the USB-C or Thunderbolt 3 port on your device. Then, connect the adapter's RJ45 port to a network using a UTP cable, such as N201-Series Cat6 cables. The U436-06N-G-C allows you to transfer data quickly and stream audio and video at true 10/100/1000 Mbps Ethernet speeds. Two status LEDs illuminate when the adapter is successfully connected to the network (link) and transferring data (activity).

The USB-C charging port supports power input up to 20V 3A (60W). It powers the device that the U436-06N-G-C is plugged into by connecting the charging port to a USB-C wall charger.

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-C or Thunderbolt™ 3 devices to a network or the Internet without buying and installing an internal Ethernet card
- Plug-and-play engineering—no software or drivers 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
- 2 LEDs indicate activity and link
- 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

### Highlights

- Connects a USB Type-C or Thunderbolt™ 3 device to a wired Ethernet network
- Supports true 10/100/1000 Mbps network speeds
- LEDs indicate activity and link
- USB-C charge port connects to wall charger to power device
- Compatible with Windows, Mac and Chromium
- Plug-and-play—no software or drivers required

### 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-G-C USB 3.1 Gen 1 USB-C to Gigabit Ethernet NIC Network Adapter
- Owner's manual



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- Backward compatible with previous USB versions

#### USB-C Port for Charging Portable Devices

- Supports power input up to 20V 3A (60W)
- Connects to USB-C wall charger to power connected device

## Specifications

OVERVIEW	
UPC Code	037332193827
Technology	Cat5/5e; Cat6
Host Connector	USB C (MALE)
VIDEO	
Extended Mode	No
Mirror Mode	No
DisplayPort Alt Mode	No
INPUT	
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)	0.9
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	2.0
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	USB C (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)



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Connector Plating	Nickel
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Power), Orange (Activity)
<b>CHARGING</b>	
Total Charging Watts	60
Charging Ports / Amps	3A
<b>PHYSICAL</b>	
Color	White
Material of Construction	ABS, PVC
Cable Jacket Rating	VW-1
Shipping Dimensions (hwd / in.)	0.70 x 4.00 x 4.80
Shipping Weight (lbs.)	0.20
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Unit Weight (lbs.)	0.1
Unit Weight (kg)	0.05
<b>ENVIRONMENTAL</b>	
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
Power Provided to Connected Device(s)	Up to 20V 3A (60W) Input (USB-C)
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
<b>FEATURES &amp; SPECIFICATIONS</b>	
USB Hub Ports	No
Number of USB Hub Ports	0
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes



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Suspend Mode Support	Yes
Remote Wakeup Support	Yes
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
<b>STANDARDS &amp; COMPLIANCE</b>	
TAA Compliant Option	N
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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