

## 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 Tripp Lite's 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.

### 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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## 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
- 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 |
| OUTPUT                      |              |
| Charging Ports / Amps       | 3A           |
| Charging Watts              | 60           |
| 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 (1.2 Port) | No           |



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| USER INTERFACE, ALERTS & CONTROLS     |                                                      |
|---------------------------------------|------------------------------------------------------|
| LED Indicators                        | Green (Power), Orange (Activity)                     |
| PHYSICAL                              |                                                      |
| Cable Jacket Rating                   | VW-1                                                 |
| Color                                 | White                                                |
| Material of Construction              | ABS, PVC                                             |
| Shipping Dimensions (hwd / in.)       | 0.70 x 4.00 x 4.80                                   |
| Shipping Weight (lbs.)                | 0.20                                                 |
| Unit Dimensions (hwd / in.)           | 0.57 x 1.6 x 1.58                                    |
| Unit Packaging Type                   | Box                                                  |
| Unit Weight (kg)                      | 0.05                                                 |
| Unit Weight (lbs.)                    | 0.1                                                  |
| 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                                           |
| Power Consumption (Watts)             | 0.9                                                  |
| Power Provided to Connected Device(s) | Up to 20V 3A (60W) Input (USB-C)                     |
| COMMUNICATIONS                        |                                                      |
| Network Speed                         | 1Gbps                                                |
| IEEE Standards Supported              | 802.3; 802.3az; 802.3u; 802.3x                       |
| CONNECTIONS                           |                                                      |
| Ports                                 | 2                                                    |
| Side A - Connector 1                  | USB C (MALE)                                         |
| Side B - Connector 1                  | USB C (FEMALE)                                       |
| Side B - Connector 2                  | RJ45 (FEMALE)                                        |
| Connector Plating                     | Nickel                                               |
| FEATURES & SPECIFICATIONS             |                                                      |
| USB Specification                     | USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps) |
| Driver Required                       | No                                                   |



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|                                                |                                                  |
|------------------------------------------------|--------------------------------------------------|
| Recommended Category Cable                     | Cat5/5e/6 Cables                                 |
| UASP Support                                   | No                                               |
| USB Power Delivery (PD) Charging Support       | Yes                                              |
| Auto MDIX Support                              | Yes                                              |
| Full Duplex Support                            | Yes                                              |
| Suspend Mode Support                           | Yes                                              |
| Remote Wakeup Support                          | Yes                                              |
| Technology                                     | Cat5/5e; Cat6; USB 3.1 (Gen 1); USB; PD Charging |
| USB Power Delivery (PD) Charging Specification | 2.0                                              |
| <b>CERTIFICATIONS</b>                          |                                                  |
| Certifications                                 | Tested to CE, FCC, RoHS, REACH                   |
| <b>WARRANTY</b>                                |                                                  |
| Product Warranty Period (Worldwide)            | 3-year limited warranty                          |

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