USB 3.1 Gen 1 USB-C to Gigabit Ethernet NIC Network Adapter with USB-C Charging Port, 10/100/1000 Mbps, Thunderbolt™ 3 Compatible, White

MODEL NUMBER: **U436-06N-G-C**

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

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.

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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
Technology	Cat5/5e; Cat6; USB 3.1 (Gen 1); USB (all versions)
INPUT	
Bus Powered	Yes
Product Length (in.)	6
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Shipping Dimensions (hwd / in.)	0.700 x 4.000 x 4.800
Shipping Weight (lbs.)	0.2000

Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	0.57 x 1.6 x 1.58
Unit Weight (lbs.)	0.1
Unit Weight (kg)	0.05
Material of Construction	ABS, PVC
Color	White
Cable Jacket Rating	VW-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
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
CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty