USB-C to RJ45 Gigabit Ethernet Network Adapter (M/F) - USB 3.2 Gen 1, 2.5 Gbps Ethernet

MODEL NUMBER: **U436-06N-2P5**

Connects the USB-C or Thunderbolt 3/4 port on your MacBook or Windows laptop to a wired Ethernet network at very fast 2.5 Gbps speeds.

Features

USB-C 3.2 to Gigabit Ethernet Adapter Connects you to a Wired 2.5G Network
This USB-C network adapter instantly connects your MacBook, tablet or Windows laptop to a wired network through a USB-C or Thunderbolt port. No internal Ethernet card is required. Ideal for settings in which Wi-Fi is unavailable, weak or spotty, this USB 3.2 Gen 1 adapter lets you enjoy Ethernet speeds up to 2.5 Gbps (when connected to Cat8 cabling) for large file downloads, video conferences, online gaming and high-definition live streaming without buffering. It's also backward compatible with 10/100/1000 Mbps networks to ensure compatibility with all your devices.

Easy Installation Gets You Online Almost Immediately
This bus-powered network adapter requires no external power source. Just connect the built-in USB 3.2 Gen 1 Type-C plug to your computer, and use a Cat5e/6/6a/8 cable (sold separately) to connect the RJ45 end to a network (a quick driver installation may be required). LEDs indicate when you're connected to a network and when data is being transferred. The compact unit fits easily into a pocket, purse, backpack or laptop bag for instant file transfers where needed.

Highlights

- Connects your laptop to a fast 2.5 Gbps network where Wi-Fi is weak or unavailable
- Transmits data at least 2.5 times faster than standard 10/100/1000 Mbps adapters
- More convenient, less expensive than a dock
- Widely compatible with Windows, macOS, Chrome and Linux operating systems
- Plug-and-play operation with no external power needed for easy, immediate installation

System Requirements

- PC, laptop or other compatible device with USB-C or Thunderbolt port (USB 3.2 required to achieve USB 3.2 speeds)
- Windows (up to 11), macOS (10.13 and above), Chrome OS (Linux driver required), Linux Kernel 4.1 and above
- Cat8 cabling required to achieve 2.5 Gbps Ethernet speeds
- Supports Wake-on-LAN (WoL) with the use of external user-supplied software

Package Includes

U436-06N-2P5 USB-C to Gigabit Ethernet Network Adapter (M/F), 2.5 GbE

Specifications

OVERVIEW	
UPC Code	037332272706
Technology	Cat5/5e; Cat6; Cat6a; Cat8
Host Connector	USB C (MALE)

INPUT	
Built-In Cable Length (ft.)	0.393
Built-In Cable Length (m)	0.12

Built-In Cable Length (in.)	4.72
Built-In Cable Length (cm)	12
Bus Powered	Yes

POWER

USB Power Delivery (PD) Charging Support	No

PHYSICAL

Color	Black
Material of Construction	Plastic
Cable Jacket Material	TPE
Cable Outer Diameter (OD)	4.3mm
Wire Gauge (AWG)	34
Unit Dimensions (hwd / in.)	2.08 x 0.846 x 0.311
Unit Dimensions (hwd / cm)	5.3 x 2.2 x 1.3
Unit Dimensions (hwd / mm)	53 x 21.5 x 13
Unit Packaging Type	Polybag

ENVIRONMENTAL

Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Operating Humidity Range	10 to 85% RH, Non-Condensing
Storage Humidity Range	5 to 90% RH, Non-Condensing

COMMUNICATIONS

Network Compatibility	2.5 Gbps
IEEE Standards Supported	802.1p; 802.1q; 802.3; 802.3ab; 802.3az; 802.3bz; 802.3u; 802.3x

CONNECTIONS

RJ45 Ports	1
RJ45 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

FEATURES & SPECIFICATIONS

Data Transfer Rate	1 Gbps
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)
Full Duplex Support	Yes
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty