

ALLNET USB 3.0 Typ-C&A Ethernet Adapter 2.5 Multi-Gigabit LAN ALL-NC-2.5G-USBC/A *ALLTRAVEL*



EAN CODE



The compact super-speed ALL-NC 2.5G-USBC/A adapter easily converts the USB-C 3.1 Gen 1 port into a Gigabit Ethernet 10/100/1000/2500 Mbps port.

In addition to 2.5 Gigabit bandwidth, the network card offers a variety of features, such as IPv4/IPv6 checksums to reduce CPU load due to checksums, crossover detection and auto-correction, TCP Large Send Offload, support for various modes of Wake-on-LAN function, virtual LAN (VLAN) work, and advanced power management features.

In modern operating systems Windows 8.1 and above, the adapter enables easy automatic installation without the need for an Internet connection. The Gigabit network card adds a fast network connection to your computer, supplements the missing RJ-45 network port or another network card, or replaces the original network connection that is no longer available.

Supporting current versions of Windows, Mac OS X, and Linux operating systems, it can be used with any desktop, laptop, or ultrabook equipped with a modern two-sided USB Type-C port.

The USB-C plug of the network card is also equipped with an adapter from USB-A to USB-C. This gives you the flexibility to use the network card on both a USB Type-C and a USB Type-A connection.



Input:

- Interface USB 3.1 gen 1 / USB 3.0, backward compatible with USB 2.0 and USB 1.1.
- Connecting USB Type C male connector on a 30 cm long cable permanently attached to the adapter

Output:

- 2.5 Gigabit Ethernet interface with RJ-45 connector for UTP or STP cable connection.
- Supported transmission rates for the Ethernet interface 10/100/1000/2500 Mb/s.
- Supported IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T specifications.
- 10/100/1000 Mbit/s auto-detection.
- Supports IPv4 / IPv6 packet Checksum Offload Engine (COE) to reduce processor load, including IPv4 IP/TCP/UDP/ICMP/ IGMP & IPv6 TCP/UDP/ICMPv6 checksum control and generation.
- Supports TCP Large Send Offload V1 and V2.
- Supports IEEE 802.1P Layer 2 priority encoding & decoding.



- Supports IEEE 802.1Q VLAN tagging.
- Supports IEEE 802.3az EEE (Energy Efficient Ethernet) - reduce power consumption at rest.
- Supports Jumbo frame.
- Supports full-duplex transmissions with IEEE 802.3x flow control and half-duplex transmissions with back-pressure flow control.
- Supports Auto MDI/MDIX - crossover detection and auto-correction eliminates the need for crossover cables.

Other features:

- Full Plug and Play and Hot Plug support.
- Supports CDC-ECM – for automatic installation of drivers across different OSs.
- Adapter power supply via USB (bus power) - no auxiliary power supply required.
- Three LEDs: Green - Network link / Yellow - Data Activity / White - Power.
- Dimensions 61 x 23 x 17 mm, USB cable length 30 cm.

Supports Wake-on-LAN feature in different modes:

- Supports sleep mode and remote Wake Up via Magic Packet, Microsoft Wakeup Frame, Microsoft Wake Packet Detection and Link Change Wake-up.
- Supports ECMA-393 proxZzzy® standard for sleeping hosts to manage the network connection of sleeping guests using proxy servers.
- RealWoW! technology support allows remote wake up over the Internet.

Supported OSs:

- MS Windows XP / Vista / 7 / 8 / 8.1 / 10 and later, Windows Server 2003 / 2008 / 2012 / 2016 and later (supported are all 32 and 64-bit versions of Windows OSs),
- MacOS X 10.6 and higher,
- Linux with kernel 2.6.14 and above,
- Android most versions (WARNING - check with the Android device manufacturer if the Ethernet connection is supported).

Additional Images



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Vendor Part No.: ALL-NC-2.5G-USBC_A

