USB 20Gbps Type-C 10GbE Ethernet Adapter

U-2740 USB 20Gbps Type-C 10GbE Ethernet Adapter

Solution: Realtek RTL8159



The U-2740 is a high-performance yet cost-effective solution for upgrading to next-generation wired networking. Powered by the Realtek RTL8159 controller, it delivers blazing-fast 10 Gigabit Ethernet connectivity through a USB 3.2 Gen 2x2 Type-C interface, ensuring seamless data transfer for demanding applications such as high-resolution media streaming, large file transfers, and enterprise workloads.

Features

- Supports USB 3.2 Gen 2x2 data rate of up to 20Gbps
- Backward compatible with USB 3.2 Gen 1/2 and USB 2.0
- Supports 10G/5G/2.5G/1G/100M Ethernet network over Cat6a cable of length up to 100 meters
- Supports CDC-ECM and CDC-NCM device class
- Supports IEEE802.1p QoS and IEEE802.1q VLAN tagging
- Supports IEEE802.3az Energy Efficient Ethernet
- Supports Wake-On-LAN (WoL)
- Supports Auto-Negotiation and auto MDI/MDIX detection
- Bus-powered device - no external power is needed
- Max. 16K jumbo frame
- IP checksum and Segmentation Task offload



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USB-C Upstream (20Gbps) 1x RJ45 (10GbE)

Specifications

Ordering Code	**U-2740**
Description	**USB 20Gbps Type-C 10GbE Ethernet Adapter**
Standard compliance	USB 3.2 Gen 2x2 10GBASE-T, 5GBASE-T, 2.5GBASE-T, 1000BASE-T and 100BASE-TX
Bus Type	USB 20Gbps
Connectors	One USB Type-C Male port One RJ45 port
OS Driver Support	Windows 10/11(64 bit) Linux OS for kernel up to 6.10
Data Rates	100M/1G/2.5G/5GbE/10GbE
Operating Temperature	0℃ – 40℃
EMC Standards	CE, FCC
Dimensions	82.8 x 32.5 x 15.5 mm
Package Contents	1x USB 20Gbps Type-C 10GbE Ethernet Adapter 1x 30cm USB 20Gbps USB-C to USB-C cable 1x User Manual