

## Micro Mini USB 3.0 to Gigabit Ethernet NIC Network Adapter

### Features

- ▶ 1 x 10/100/1000Mbps RJ45 Slot + 1 x TYPE-C USB3.0 Slot
- ▶ Supports Gigabit networking over USB 3.0
- ▶ IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- ▶ Powered directly from the USB ports
- ▶ Crossover Detection & Auto-Correction (Auto MDIX)
- ▶ IEEE 802.1Q VLAN Tagging support
- ▶ Jumbo Frame support
- ▶ Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- ▶ Activity and Link LED indicators
- ▶ Compact, lightweight design for maximum portability



### Overview

USB-C Network Interface Card designed for Laptop/PC/Tablet that with Type-C interface and need to access Fast and Stable internet through UTP Cable. With this USB-C LAN Card, Network Connection is more stable and quicker than Wifi access. It can offer 1000Mbps Internet access, It provides up to 2000Mbps full-duplex bandwidth capacity. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides added performance, flexible configuration and secure networking for users in a standard-based environment.

### Application



<b>Specifications</b>	
Standards:	IEEE 802.3 10BASE-T
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE 802.1q VLAN tagging
Chipset ID:	Realtek RTL8153B
Network Transfer Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Jumbo Frame Support:	9K max.
Other:	Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
<b>Software</b>	
OS Compatibility:	Windows® XP, Vista, 7, 8, 8.1, 10, 11 Windows® Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 macOS 10.6 to 10.15, 11.3 to 13.0 VLAN tagging is currently not supported in macOS Linux Kernel 2.6.25 and up - LTS Versions only Chrome OS 55+
<b>Interface</b>	
USB:	1 x USB-C 3.0
RJ45:	1 x RJ-45 10/100/1000Mbps LAN port
<b>Electrical and Mechanical</b>	
Power:	USB Bus Powered
Power Consumption:	5W Max.
LED Indicators:	
L/A:	Link/Activity
Dimensions (LxWxH):	78 x 27 x 18 mm
Weight:	46g
Casing:	Aluminum Case
Mounting Options:	Desktop
<b>Environmental</b>	
Operating Temperature:	0°C ~ 60°C (32° ~ 140°F)
Storage Temperature:	-10° ~ 70°C (14° ~ 158°F)
Relative Humidity:	5% to 90% non-condensing
MTBF	> 100,000 hrs
<b>Regulatory Approvals</b>	
ISO9001, CE, FCC, RoHS	

## Ordering Information

Model	Description
20114155	Micro Mini USB 3.0 to Gigabit Ethernet NIC Network Adapter
Mounting Options	▶ Desktop
Power Options	▶ No need for an external power adapter (bus powered)
Package Contents	▶ USB 3.0 Gigabit Ethernet Adapter x 1
	▶ Quick installation guide x 1