

### USB-C to Gigabit Ethernet Adapter with IEEE 802.3bt PoE



#### Description

The USB Type-C® to Gigabit Ethernet adapter typically provides the data conversion between the laptop's USB ports and the Ethernet connection. It is usually connected to the Ethernet switch via a CAT5e or CAT6 cable. This doesn't include power conversion in between.

BizLink's USB Type-C to 1GbE adapter with IEEE 802.3bt Power over Ethernet (PoE) provides additional power conversion between the laptop's USB Type-C port and the PoE capable Ethernet connection by incorporating the power delivery capability from both the USB-IF standard USB Type-C PD3.0 and the IEEE 802.3bt PoE.

Complying to the PoE standard, the power charging range for USB Type-C host computers can be easily extended to 330 feet (or 100 meters) of length. In compliance with the USB Type-C PD standard, the charging power to the laptop can reach up to 60 watts, which is sufficient for most USB Type-C laptop computers.

#### Key Features

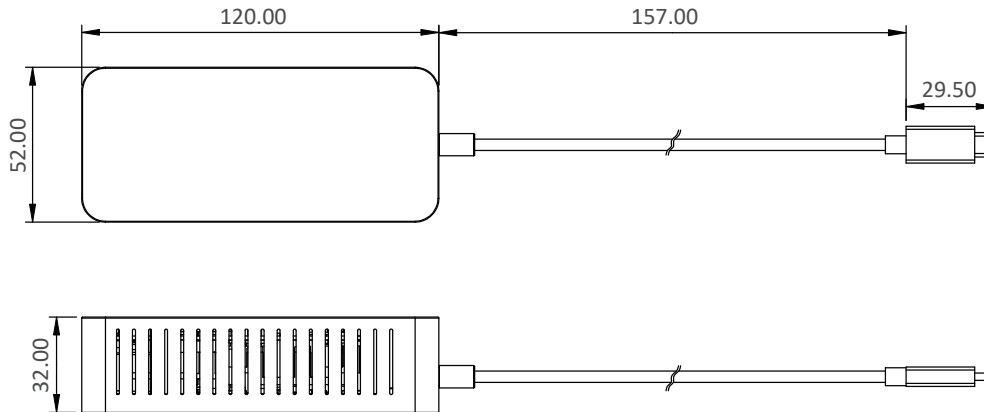
- Compatible with USB Type-C host devices, including Windows laptops, Chromebook, Macbook, Smartphones, iPad Pro, etc.
- Easy to install and configure
- Work with IEEE802.3bt/at/af PoE switches or injectors
- Work with Cisco UPOE+ switches



# Adapter

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### Dimensions



Unit: mm

### Specifications

<b>Supported Operating Systems</b>		Win10, Chrome OS, MacOS
<b>Interfaces</b>	USB Type-C	A 30-cm pigtail USB Type-C cable for connecting to the host computer
	RJ45	A standard Ethernet connector for CAT5e or CAT6 cable connection to the PoE switch for both Power and Data, and non-PoE Ethernet switch for Data only
<b>Data</b>	USB Type-C	USB 3.2 Gen 1, PD 3.0
	Ethernet	<ul style="list-style-type: none"><li>• 1 x 10/100/1000 BASE-T Ethernet, compliant with IEEE 802.3, 3u, 3ab</li><li>• Wake-On-LAN, PXE. Support CDC-ECM</li><li>• PoE compliant with IEEE 802.3bt Type 4 Class 8, support lower types and classes and IEEE 802.3at, af</li></ul>
<b>Power</b>	USB Type-C	Up to 60W (20V/3A, 15V/3A, 9V/3A, 5V/3A)
	Ethernet	<ul style="list-style-type: none"><li>• Up to 71.3W input (41.1V–57V DC)</li><li>• Support PoE Power Demotion detection and adaptive USB Type-C PD contract renegotiation dynamically</li><li>• Power pin assignment: 1/2(+), 3/6(-);4/5(+),7/8(-)</li></ul>



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