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Data Sheet

USB-C to Gigabit Network Adapter with PD Charging

Product ID: US1GC30PD

Now you can add a wired network connection to your USB-C enabled laptop, tablet or desktop computer. Ideal for mobile use, this USB-C to Ethernet adapter plugs into your USB-C or Thunderbolt™ 3 port to provide wired network access. Plus you can charge your laptop as you work. It makes a great companion for your MacBook, Chromebook Pixel™, Dell™ XPS 12, or other device.

Access reliable Gigabit network connections

Extend the capability of your laptop's USB-C port, by gaining a wired internet connection virtually anywhere you go. The USB-C network adapter connects to your USB-C port to provide a reliable Gigabit Ethernet connection. It supports full Gigabit bandwidth, by harnessing the performance of USB 3.0 (5 Gbps), also known as USB 3.1 Gen 1, letting you quickly access large files over the network. You can connect to a network in locations where Wi-Fi® is unavailable or unreliable, such as in classrooms, offices, and hotels.

Power and charge as you work

The USB-C network adapter lets you power and charge your laptop as you work. The adapter supports Power Delivery 2.0, so instead of carrying multiple power adapters, you can use your laptop's USB-C power adapter to power both your laptop and network adapter. Note: just make sure your laptop's USB-C based power adapter supports USB Power Delivery 2.0.

Compact and lightweight for perfect portability

Compact and portable, this USB-C Gigabit network adapter is the ideal desktop network adapter or laptop accessory. It's powered directly from the USB port making it easy to connect when you're on the go.

Native driver support makes installation easy

This Gigabit Ethernet (GbE) network adapter provides a reliable network connection without even having to install drivers. It's ready to go - the network adapter chipset provides native driver support to ensure a quick setup. Simply plug the adapter into the USB-C port on your laptop and connect to your network.

The US1GC30PD is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Ideal for mobile professionals who require wired network connections
- Access a wired network in locations where Wi-Fi® is unavailable or unreliable, such as in classrooms, offices, and hotels
- Charge your laptop and your network adapter at the same time, using your laptop's USB-C power adapter

Features

- Add a Gigabit Ethernet RJ45 port to your USB-C enabled device for reliable network connectivity
- Supports USB Power Delivery 2.0 to power and charge your laptop and network adapter, when using your laptop's USB-C based power adapter
- Portable travel-sized network adapter, ideal for mobile use
- Supports USB 3.0 (5 Gbps)
- Integrated cable with a USB-C connector, which is Thunderbolt 3 data port compatible
- Multi-platform compatible and easy to install with native support in the latest operating systems (Windows, Mac, Chrome OS)
- Supports Wake-On-LAN, Energy-Efficient Ethernet, jumbo frames, full-duplex flow control, VLAN tagging, and layer 2 priority encoding

	Warranty	2 Years
Hardware	Bus Type	USB 3.0
	Chipset ID	Realtek RTL8153
	Fast-Charge Port(s)	No
	Industry Standards	IEEE 802.3, 802.3u and 802.3ab
	Interface	USB 3.0 RJ45 (Gigabit Ethernet)
	Ports	1
	USB-C Device Port(s)	USB Power Delivery
	USB-C Host Connection	Yes
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Flow Control	Full duplex flow control
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
	Maximum Power Delivery Support	60W
	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	Connector Type(s)	1 - USB Type-C (24 pin) USB 3.0 Male 1 - USB-C (24 pin) USB Power Delivery only Female 1 - RJ-45 Female
Software	OS Compatibility	Windows® 10 Windows Server® 2016 Mac OS X® 10.11 to 10.12 *VLAN tagging is currently not supported in Mac OS*
Special Notes / Requirements	**Note**	The adapter's USB-C port is for USB Power Delivery only. It does not support DisplayPort alt mode, or data transfers. Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure that your host laptop's USB-C port supports USB Power Delivery 2.0 The adapter can connect to a host laptop’s USB-C port that doesn’t support USB Power Delivery 2.0. However, in this configuration if a power adapter is connected to the hub, it will not pass power through to your host laptop.

		USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps.
	System and Cable Requirements	Available USB Type-C port - USB 3.0 (5Gbps) (to ensure the network adapter powers and charges your laptop, your host laptop's USB-C port must support USB Power Delivery 2.0) Optional: USB-C power adapter (for example, your laptop's USB-C based power adapter)
Indicators	LED Indicators	1 - Link (green) 1 - Activity (yellow)
Power	Power Source	USB-Powered
Environmental	Humidity	5% ~ 90% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-10°C to 80°C (14°F to 176°F)
Physical Characteristics	Cable Length	12 mm [0.5 in]
	Color	Black
	Enclosure Type	Plastic
	Product Height	17 mm [0.7 in]
	Product Length	62.5 mm [2.5 in]
	Product Weight	34 g [1.2 oz]
	Product Width	40 mm [1.6 in]
Packaging Information	Shipping (Package) Weight	113 g [4 oz]
What's in the Box	Included in Package	1 - USB-C adapter 1 - quick-start guide

Product appearance and specifications are subject to change without notice.