USB-C to Ethernet Adapter, NIC, 100W PD Pass-Through, USB 3.0 Type-C 1Gbps Multi Speed Network Adapter, Thunderbolt Compatible, Windows & Mac

Product ID: 1GPD3-USB-C-ETHERNET



Add 1Gbps network access to laptops, tablets, and iPhones equipped with a USB-C port. This USB-C to Ethernet Adapter features a 100W PD pass-through port that allows you to connect a charger to the same USB-C port, enabling simultaneous Ethernet connection and device charging. Enable ethernet connection without losing access to the original USB-C port for charging or connecting additional peripherals; well-suited for devices with limited ports.

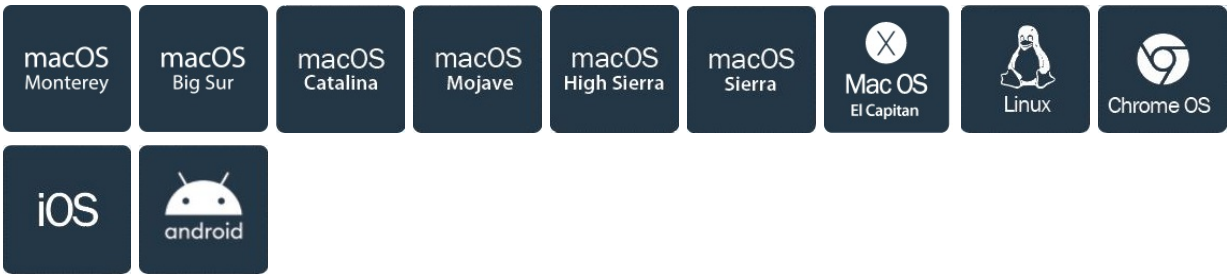
This adapter supports both current and legacy Ethernet networks down to 10Mbps, making it ideal for providing a reliable network connection almost anywhere whether at home, work or while traveling. The Realtek chipset is broadly supported on new and older laptops enabling PXE capabilities to aid IT departments with provisioning and maintaining systems along with Wake-on-LAN (WoL) support. The adapter provides a wired connection that is faster and more secure than wireless, making it ideal for IT professionals.

Simply plug this USB-C to Ethernet adapter into the USB port on a laptop and connect to a network. The network adapter Realtek chipset provides native driver support for Windows (10/11, ARM supported) Macbooks (macOS), Chromebooks (ChromeOS), Snapdragon, Linux, iPhones, and tablets. Any Windows operating systems without the driver will be automatically prompted to download the software directly from the adapter, ensuring quick and effective installation with no Internet access required.

Certifications, Reports and Compatibility

RoHS Compliant

Windows 11 | Windows 10 | Windows 8 | Windows 7 | Windows Server 2022 | Windows Server 2019 | Windows Server 2016 | macOS Sonoma | macOS Ventura



Applications

• Add 1G Ethernet network connectivity to a laptop or desktop computer through a USB Type-C port

Features

• 100W CHARGING: 100W PD pass-through port allows you to connect a charger to the same USB-C port, enabling simultaneous Ethernet connection and device charging; Devices with limited USB-C ports can share a port without an additional hub

• BROAD COMPATIBILITY: Auto-installs on most operating systems including Windows 7 and up, Linux LTS Kernel 4.19+ and up, MacOS/iOS/ChromeOS; Works with MacBooks, Chromebooks and all hardware platforms, including Intel, AMD, ARM (Snapdragon) & Apple Silicon

• 1G OVER CAT5E: Add 1Gbps network access to laptops/tablets/iPhones with a Type-C port; Enables ethernet connection without losing access to the original USB-C port for charging/connecting additional peripherals; Ideal for devices with limited ports

• APPLICATIONS: Well-suited replacement for broken ethernet ports on laptops; Provides a wired connection that is faster and more secure than wireless for home, work and travel; Efficiently provision and maintain laptops with WoL & PXE

• TECH SPECS: USB-C 3.2 Gen 1 (5Gbps); 1x RJ45; 6in (15cm) Attached Cable; 10/100Mbps & 1Gbps; Realtek Chipset; 9K Jumbo Frames; WoL; VLAN; PXE Boot support; USB Bus Powered; Thunderbolt Compatible

Hardware

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	USB 3.2 Gen 1
USB Pass-Through	No
Industry Standards	IEEE 802.3i 10BASE-T
	IEEE 802.3ab 1000BASE-T

		IEEE 802.1q VLAN Tagging
		IEEE 802.3x
		IEEE 802.3u 100Base-TX
		USB Power Delivery 3.0
	Chipset ID	Realtek - RTL8153B

Performance

	Wake On Lan	Yes
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	PXE	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Promiscuous Mode	Yes
	MTBF	1,912,948 hours

Connector(s)

	Connector A	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
		1 - RJ-45

Software

	OS Compatibility	Windows 11 ARM, Windows 11, Windows 10 ARM, Windows 10, Windows 8, Windows 8.1, Windows 7, Windows Server 2016, Windows Server 2012 R2, Windows Server 2008 R2</br Windows Server 2019, Windows Server 2022, Linux Kernel 2.4.20 and up - LTS Versions only, macOS 10.11 - 10.15, 11.0, 12.0, 13.0, 14.0 VLAN tagging is currently not supported in macOS

Indicators

	LED Indicators	1 - Link/Activity LED:
		• Solid Green = Network port is connected
		• Flashing Green = Network port is active
		1 - Link Speed LED:

		• Solid Green = Highest Link Speed (ex. 1Gbps) • Solid Amber = Lower Link Speeds (ex. 100/10Mbps)
Power		
	Power Source	USB-Powered
	Input Voltage	5V DC
	Output Voltage	5 DC
Environmental		
	Operating Temperature	0 to 45 (32F to 113F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10% to 85% RH (no condensation)
Physical Characteristics		
	Color	Space Gray
	Form Factor	Attached Cable
	Product Length	0.8 in [2.2 cm]
	Product Width	0.0 in [0.0 mm]
	Product Height	0.6 in [1.5 cm]
	Weight of Product	0.9 oz [24.7 g]
Packaging Information		
	Package Quantity	1
	Package Length	5.0 in [12.8 cm]
	Package Width	8.7 in [22.0 cm]
	Package Height	0.6 in [1.6 cm]
	Shipping (Package) Weight	1.0 oz [27.0 g]
What's in the Box		
	Included in Package	1 - USB Ethernet Adapter

Product appearance and specifications are subject to change without notice.