3-Port USB-C Hub with 2.5 Gbps Ethernet and 100W Power Delivery Pass-Through Port, USB 3.2 10Gbps, 2x USB-A/1x USB-C, Portable USB Type-C Adapter Hub

Product ID: 10G2A1C25EPD-USB-HUB



This USB Type-C Hub with 2.5Gigabit Ethernet and 100W USB Power Delivery Pass-Through adds three USB 3.2 Gen 2 (10Gbps) ports (2x USB-A, 1x USB-C) to a USB-C enabled computer. Connect the USB hub to a USB-C port on a laptop, using the built-in 1ft (30cm) USB-C host cable. Charge a host laptop by connecting the host laptop's USB-C power supply to the USB Power Delivery (PD) 3.0 port. Backward compatibility with USB 2.0 (480Mbps) devices ensures support for a wide range of modern and legacy USB peripherals.

The USB hub features a 2.5 Gigabit Ethernet adapter. The Ethernet controller is compatible with the IEEE 802.3bz standard (2.5GBASE-T/NBASE-T) and supports Wake-on-LAN (WoL), Jumbo Frames, and V-LAN Tagging. The network adapter enhances network reliability, security, and performance at speeds of up to 10/100/1000/2500Mbps.

This USB hub features 100W USB Power Delivery 3.0 pass-through (85W laptop charging). Connect a power source to the PD pass-through port to power the connected host device. PD 3.0 features Fast Role Swap (FRS) to prevent USB data disruption when switching power sources (USB-C power adapter to bus power).

This Power is dynamically shared across the downstream ports. For added protection to the USB hub and any connected devices, the USB hub features Overcurrent Protection (OCP). OCP prevents faulty USB peripherals from drawing more power than is safely allocated.

This device is compatible with all major operating systems, including Windows, macOS, ChromeOS, iPadOS, and Android. The Hub is automatically detected, configured, and installed upon connection to a host computer.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

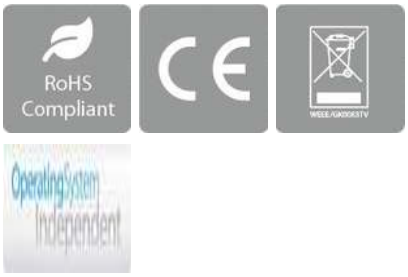
USB Event Monitoring Utility: Track and log connected USB devices.

MAC Address Pass-Through Utility: Improve network security.

Wi-Fi Auto Switch Utility: Enable users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit: www.StarTech.com/connectivity-tools

Certifications, Reports and Compatibility



Applications

• Connect a USB Solid State Drive (SSD)

• Add wired internet connectivity to a laptop

• Ideal for traveling between home and office

Features

• 3-PORT USB-C HUB: Expand the connectivity of a USB-C computer by adding three USB 3.2 Gen 2 10Gbps Ports (2x USB-A, 1x USB-C), plus a USB-C Power Delivery Port; 2.5 Gigabit Ethernet RJ45 for wired LAN connectivity (Wake-on-LAN); Easy Driverless setup

• 2.5GBASE-T MULTI-GIGABIT ETHERNET: Features a 2.5Gb network controller that delivers speeds of 10/100/1000/2500Mbps; For laptops / devices without a USB-A or Ethernet, such as MacBook /iPad Air / Pro; USB-C connectivity while providing power for charging

• RELIABLE PERFORMANCE: USB bus powered or via external USB-C power adapter; 100W Power Delivery 3.0 pass through with 15W reserved for the USB Hub to avoid device dropouts or overdrawing power that is common in other hubs, and up to 85W for laptop charging

• EXTRA-LONG CABLE: Attached 1ft/30cm cable with TPE jacket provides long reach for easy setup and prevents adapter from dangling on the host connector; Ideal cable length to reduce port strain on 2-in-1 convertible laptops, or host laptops on riser stands

• OUR ADVANTAGE: Included connectivity tools for IT Pros and IT help-desk support teams; USB Event Monitoring logs/timestamps USB port usage enabling admins to identify potentially malicious devices, MAC Address Cloning & WIFI Auto Switch Utilities

Hardware

Warranty	2 Years

USB-C Device Port(s)	Yes
USB-C Host Connection	Yes
Fast-Charge Port(s)	No
Interface	USB 3.2 Gen 2 - 10 Gbit/s
Bus Type	USB 3.2 Gen 2 10Gbps
Industry Standards	USB 3.2 Gen 2 - Backward compatible with USB 3.2 Gen 1, USB 2.0, and 1.1
	USB Power Delivery 3.0
	Wake on USB
	IEEE 802.3bz (2.5GBASE-T/NBASE-T)
Chipset ID	VIA - VL103
	VIA - VL822
	Realtek - RTL8156B

Performance

Total USB Power Output	4.5W (5V/0.9A)
Maximum Data Transfer Rate	10Gbps (USB 3.2 Gen 2)
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
UASP Support	Yes
Compatible Networks	2.5G/1G/100Mbps/10Mbps
Auto MDIX	Yes
PXE	No
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
General Specifications	Maximum Laptop Charging: 85W
MTBF	286,501.33 Hours

Connector(s)

	External Ports	2 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps)
		1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps)
		1 - RJ-45
		1 - USB Type-C (24 pin) USB Power Delivery Only
	Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps)
Software		
	OS Compatibility	OS Independent; No additional drivers or software required
Special Notes / Requirements		
	System and Cable Requirements	A host laptop with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB Power Delivery).
		Optional: USB-C power adapter (for example, your laptop's USB-C based power adapter).
	Note	Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure the host USB-C port supports USB Power Delivery.
		Power will not pass through to the adapter when connected to a host USB-C port that lacks USB PD functionality.
		USB 3.2 Gen 2 10Gbps is also known as USB 3.1 Gen 2 10Gbps
Indicators		
	LED Indicators	1 - Network Link LED - Green
		1 - Network Activity LED - Amber
Environmental		
	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10% to 85% RH
Physical Characteristics		
	Color	Space Gray
	Form Factor	Compact

	Material	Plastic
	Cable Length	12.0 in [30.5 cm]
	Product Length	1.3 in [3.4 cm]
	Product Width	6.4 in [16.3 cm]
	Product Height	0.6 in [1.5 cm]
	Weight of Product	2.4 oz [68.0 g]
Packaging Information		
	Package Length	6.7 in [17.0 cm]
	Package Width	5.6 in [14.2 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	4.6 oz [129.0 g]
What's in the Box		
	Included in Package	1 - USB-C Hub
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.