USB4 Multiport Adapter, Driverless Dual-4K for macOS and Windows, 140W Power Delivery Charging, 3-Port 10Gbps Hub, 2.5GbE, Mini Dock

Product ID: 174B-USB4-MULTIPORT



Run dual 4K displays and high-speed peripherals from a single USB4 connection, simplifying mixed-device deployments for IT teams.

Use USB4 bandwidth and native video output to support up to two 4K 144Hz displays via HDMI, DisplayPort, or USB-C. Standardize dual-monitor desk setups across Windows and macOS without extra drivers or software. Ideal for hot desks or workstations needing consistent multi-monitor performance.

Deliver up to 140W USB-C Power Delivery passthrough to keep high-performance laptops and AI-ready systems fully powered. Maintain host port availability while users run intensive tasks reducing downtime and increasing productivity.

Add USB-C and USB-A 10Gbps ports for modern and legacy peripherals, with a flexible data or video USB-C port. Connect to 2.5GbE for faster file transfers across shared storage or cloud environments helping teams move large assets quickly and stay productive.

Certifications, Reports and Compatibility





Applications

• Quickly connect laptops to displays, wired networks, and USB peripherals in conference rooms or hot-desk environments without requiring multiple separate dongles

• Create a compact workstation by connecting a USB4 device to multiple displays, keyboard, mouse, and other USB peripherals

Features

• USB4 Drives Dual Displays: Use USB4 bandwidth and native video output to run up to two 4K 144Hz displays, with flexible HDMI, DisplayPort, or USB-C connections to simplify deployment across mixed-device environments

• Dual Displays on macOS Without Drivers or Software: Connect up to two external 4K displays using the M-Series native graphics capabilities, helping IT teams standardize on Mac workspaces; M1, M2, and M3 require Pro or Max for dual displays

• 140W Passthrough Supports High-Powered & AI-Ready Devices: Enable up to 140W USB-C Power Delivery passthrough for AI workloads and power-hungry laptops, keeping host ports available and users productive through intensive tasks

• Streamline USB Device Expansion: Add 1x USB-C and 1x USB-A 10Gbps ports to support modern peripherals and legacy devices; The USB-C video port also supports 10Gbps data transfer offering flexibility depending on the task

• 2.5G Ethernet for High-Speed Networking: Move large files faster across shared drives or cloud environments using a stable 2.5GbE connection, reducing transfer times and keeping users productive on bandwidth-heavy tasks

General		
	UPC	065030903080
	Warranty	3 Years
Special Notes / Requirements		
	Special Notes	Linux Support Note(s): Ubuntu 24.04 and up
		A 4K-capable display is required to achieve UHD resolution (4K is also known as 4K x 2K).
		A 8K-capable display is required to achieve 8K UHD resolution
		Thunderbolt 3 (TB3) is not supported (other than on TB3-based Apple M1/M2/M3 Standard chipsets).

		M1 and M2 Standard chipsets will work with a single display, while M4/M5 Standard and M1/M2/M3/M4 Pro/Max chipsets will work with dual displays. M3 Standard chipsets will work with dual displays while in clamshell mode. Achieving refresh rates above 4K 60Hz may require DSC (Display Stream Compression) support from both the monitor and the host GPU; video capability is host dependent. The bit depth and color depth may be adjusted to enable higher refresh rates, and results may vary depending on OS updates. If monitor recognition issues occur, connect the monitor with the lowest refresh rate first, as high refresh rate monitors may consume all available bandwidth. For external display compatibility over a single USB4/Thunderbolt connection on different Windows systems, please consult the computer manufacturer's website. DP++ is not supported. The HDMI output is limited to 4K at 60Hz. To achieve dual 4K at 144Hz or a single display higher than 4K at 60Hz, the DisplayPort and/or USB-C video port must be used. When connected to a 140W supply the device will reserve 30W; when connected to a 100W supply the device will reserve 20W.
	System and Cable Requirements	A host device with an available USB4, TB4, or TB5 port (to ensure full dock functionality, the host device's USB-C port must support USB Power Delivery and DP alt mode).
Power		
	Power Source	Bus Powered and Host USB-C Power Adapter
	Power Delivery	140W
	Output Voltage	5 DC
	Plug Type	USB Type-C (24 pin) USB Power Delivery Only
	Power Consumption	SPR (Up to 100W): 20W EPR (Up to 140W): 30W
Physical & Environmental		
	Color	Space Gray
	Material	Aluminum
	Cable Length	8.0 in [20.3 cm]

Product Length	5.6 in [14.1 cm]
Product Width	2.2 in [55 mm]
Product Height	0.7 in [17 mm]
Weight of Product	6.5 oz [185 g]
Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10% ~ 85% RH

Performance

Maximum Data Transfer Rate	USB 10Gbps
Type and Rate	USB 10Gbps
UASP Support	Yes
Compatible Networks	2.5G/1G/100Mbps/10Mbps
Full Duplex Support	Yes
PXE	Yes
Wake-On-LAN (WOL)	Yes
MTBF	40,669 Hours
Maximum Digital Resolutions	8K 60Hz 4K 240Hz

Hardware

Fast-Charge Port(s)	No
4K Support	Yes
Displays Supported	2
Interface	USB4 (40Gbps)
Number of Displays	2
Industry Standards	HDMI 2.0
	DisplayPort 1.4

		USB Power Delivery Specification Rev. 3.2
	Chipset ID	Realtek - RTS5453H
		Realtek - RTS5452H
		Realtek - RTS5452E
		Realtek - RTL8156BG
		Monolithic - MP4247
		VIA - VL600
		VIA - VL822
		VIA - VL162
		Terminus - FE8.1
		Intel - JHL8140
Packaging & In-the-Box		
	Included in Package	1 - Multiport Adapter
		1 - Product Documentation
	Package Width	4.7 in [12 cm]
	Package Depth	7.9 in [20 cm]
	Package Height	1.2 in [30 mm]
	Shipping (Package) Weight	9.0 oz [254 g]
Connector(s)		
	Host Connector 1 (Quantity)	1
	Host Connector 1	USB-C (40Gbps, 100W PD Input)
	Connector 1 (Quantity)	1
	Connector 1	HDMI
	Connector 2 (Quantity)	1
	Connector 2	DisplayPort

Connector 3 (Quantity)	1
Connector 3	USB-C Dual-Mode DP++ (10Gbps, 7.5W / DP Alt-Mode)
Connector 4 (Quantity)	1
Connector 4	USB-C (10Gbps, 4.5W)
Connector 5 (Quantity)	1
Connector 5	USB-A (10Gbps, 4.5W)
Connector 6 (Quantity)	1
Connector 6	USB-C (140W PD Only)
Connector 7 (Quantity)	1
Connector 7	RJ-45

Product appearance and specifications are subject to change without notice.