Universal USB4 & Thunderbolt 4 Docking Station, Quad Display on Windows, Dual Display on MacBook, HDMI DP Dock with 100W Laptop Charging

Product ID: 132N-TB4USB4DOCK



Engineered to maximize performance and future-proof your workspace, this universal USB4 and Thunderbolt 4 dock is Thunderbolt Certified, ensuring reliable connectivity and optimal user experience.

Push the boundaries of productivity with quad 4K 60Hz displays on Windows laptops running the latest Intel 12th Gen CPUs (or later) and DP 1.4 with DSC. Legacy systems still benefit from flexible dual or triple monitor setups.

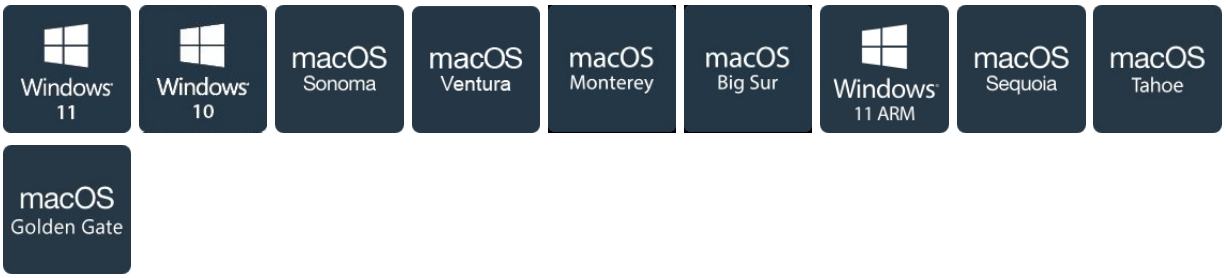
Experience dual extended 4K displays on MacBook Air and Pro powered by M3, M4 or M5 chips (clamshell mode required for M3), and MacBook M1 / M2 Pro or Max configurations. For Apple computers featuring the M-series base processor only a single display is supported.

Includes a fully spec'd 180W power adapter that enables the dock to charge the laptop with 98W Power Delivery, while preserving enough additional power for the downstream USB 2.0 port to support BC 1.2 with 7W (1.5A) for charging tablets, smartphones or other battery-powered USB devices.

StarTech.com Connectivity Tools offer practical utilities to support device management and increase productivity in modern IT environments. With features like MAC address pass-through, Wi-Fi auto switch, and USB device monitoring, the software helps IT teams streamline deployment and strengthen security across diverse setups.

Visit www.StarTech.com/Connectivity-Tools to download the Enterprise Management Tools.

Certifications, Reports and Compatibility



Applications

• Use in hot-desk workstations for user laptop hoteling

• Charge your tablets and smartphones from the B.C 1.2 USB-A port

• Externally access SD/mSD, SDHC and SDXC memory cards

Features

• Universal USB4 and Thunderbolt Dock: This high-performance dock offers driverless compatibility with Windows and macOS; Designed to work with Intel, Apple Silicon, AMD, Snapdragon X Copilot+ PCs, it's ideal for mixed-device fleets and laptop refreshes

• Quad Display On Windows: Enables up to four 4K 60Hz monitors when connected to Windows laptops with Intel 12th Gen CPUs (or later) and DP 1.4 with DSC; Also supports triple or dual displays on older systems

• Dual Display on Mac: Get dual extended 4K 60Hz displays on MacBook Air / Pro with M3, M4 or M5 (clamshell mode required with M3); For M1 and M2 MacBook Pro, dual extended display requires Pro or Max chip

• 98W Power Delivery: Includes fully spec'd power adapter to simultaneously charge laptop (98W PD) and power all ports; Downstream USB 2.0 port supports 7.5W (1.5A) for charging mobile devices or other battery-powered devices

• The IT Pro's Choice : Our docking stations are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability and cross-platform compatibility; Built to support large-scale deployments, Windows 11 upgrades, and the shift to AI-enabled PCs

General		
	UPC	065030899277
	Package Quantity	1
	Warranty	3 Years
Special Notes / Requirements		
	Special Notes	- Jumbo Frames are no longer supported in macOS
		- This dock uses MST (Multi-Stream Transport) to support four

		displays; macOS devices are limited to two external displays.
	System and Cable Requirements	- This Dock can function with Thunderbolt 4, USB4 or USB-C host ports. For maximum performance a Thunderbolt 4 or USB4 port is recommended - DisplayPort Video Output ports do not support the use of passive DisplayPort Adapters

Power		
	Power Source	AC Adapter Included
	Power Delivery	98W
	Input Voltage	110V-240V AC
	Input Current	2.5 A
	Output Voltage	20V DC
	Output Current	9 A
	Center Tip Polarity	Positive
	Plug Type	CP (OD:7.4/ID:5.1/CPD:0.6)
	Power Consumption	180W

Physical & Environmental		
	Color	Space Gray
	Material	Aluminum
	Product Length	3.8 in [95.8 mm]
	Product Width	8.3 in [21.0 cm]
	Product Height	1.4 in [34.5 mm]
	Weight of Product	7.1 oz [200.0 g]
	Operating Temperature	0 to 40C
	Storage Temperature	-20 to 70C
	Humidity	0% to 95% (non-condensing) at 25C

Performance		
	Supported Charging	BC 1.2 (1.5A)

Outputs	
Maximum Data Transfer Rate	40Gbps
Type and Rate	Thunderbolt 4 (40Gbps)
UASP Support	Yes
Compatible Networks	2.5G/1G/100Mbps/10Mbps
Full Duplex Support	Yes
PXE	Yes
Wake-On-LAN (WOL)	Yes
MTBF	10,000 Hours
Maximum Digital Resolutions	Single Display: up to 7680 x 4320 60Hz Dual Display: up to 2x 3840x2160p 60Hz Triple Display: up to 3x 3840x2160p 60Hz Quad Display: up to 4x 3840x2160p 60Hz - Video performance, such as resolution and refresh rate, are also dependent upon the video capabilities of the host computer. - Some computer manufacturers, such as Dell, disable Display Stream Compression (DSC) on some of their models reducing overall video performance.

Hardware

Fast-Charge Port(s)	Yes
4K Support	Yes
Displays Supported	4
Number of Battery Charge 1.2 Ports	1
Audio	Yes
Interface	Thunderbolt 4
Compatible Lock Slot	Kensington K-Slot Kensington Nano Slot

Number of Displays	4
Industry Standards	Thunderbolt 4
	USB 3.2 Gen 2 10Gbps
	HDMI 2.1
	DisplayPort 1.4
	Secure Digital (SD) 4.0 UHS-II
	2.5GBASE-T / 1000BASE-T / 100BASE-T / 10BASE-T
	USB Power Delivery 3.0
Chipset ID	Intel - JHL8440
	Cypress - HX3PD
	Parade - FL5801
	Realtek - RTL8156BG
	Genesys Logic - GL3231S
	Realtek - ALC4030U
	Realtek - RTD2188
	Cypress - CCG5
	TI - TPS2546
LED Indicators	1 - Power Button LED (Green): Illuminates When the Dock is Connected to a Power Source and Powered On
	1 - LAN Port - Network Status LED (Green): Illuminates to Indicate an Ethernet Link is Active
	1 - LAN Port - Network Activity LED (Amber): Blinks to Indicate Network Traffic

Packaging & In-the-Box

Included in Package	1 - Thunderbolt 4/USB4 Docking Station
	1 - 3ft (1m) Thunderbolt 4 Host Cable
	1 - Universal Power Adapter (North America)

	1 - Quick-Start Guide
Package Width	9.1 in [23.2 cm]
Package Depth	5.7 in [14.6 cm]
Package Height	3.6 in [91 mm]
Shipping (Package) Weight	2.8 lb [1.3 kg]

Connector(s)

Host Connector 1 (Quantity)	1
Host Connector 1	USB-C (Thunderbolt 40Gbps)
Connector 1 (Quantity)	2
Connector 1	HDMI
Connector 2 (Quantity)	2
Connector 2	DisplayPort
Connector 3 (Quantity)	1
Connector 3	USB-A (10Gbps, 4.5W)
Connector 4 (Quantity)	1
Connector 4	USB-A (480Mbps, 7.5W)
Connector 5 (Quantity)	1
Connector 5	USB-C (10Gbps, 4.5W)
Connector 6 (Quantity)	2
Connector 6	USB-A (10Gbps, 4.5W)
Connector 7 (Quantity)	2
Connector 7	USB-A (5Gbps, 4.5W)
Connector 8 (Quantity)	1
Connector 8	3.5mm (4 Conductors, TRRS)
Connector 9 (Quantity)	1

Connector 9	Micro SD Card Slot
Connector 10 (Quantity)	1
Connector 10	SD Card Slot

Product appearance and specifications are subject to change without notice.