

Thunderbolt 5 Universal Docking Station for Mac & Windows with Quad Monitors, 140W Power Delivery, 120Gbps Bandwidth Boost, 2.5Gb Ethernet, USB-C & USB-A Ports

Product ID: 206N-TB5USB4DOCK



Simplify your workspace with a high-performance dock that supports Thunderbolt 5, Thunderbolt 4, and USB4 laptops. Supports multiple displays up to triple 4K displays, 140W laptop charging, and 2.5G Ethernet, all through a single connection.

Connect up to four extended 4K 60Hz displays on Windows using HDMI and DisplayPort outputs. On Mac, support dual 6K on MacBook Air and entry MacBook Pro, up to Triple 4K 120Hz on MacBook Pro with M5 Pro, or Quad 4K displays when daisy chaining 2 Thunderbolt monitors with M5 Max. The docking station includes an 180W power adapter that can supply up to 140W to charge high-performance laptops such as the MacBook Pro. A dedicated 45W Thunderbolt 5 port provides data connectivity and charging for phones or tablets without drawing power from the host computer.

Enjoy faster cloud access, file transfers, and virtual collaboration with the wired 2.5G Ethernet RJ45 port. Driverless dock is compatible out of the box with Windows 11 and macOS 15 / 26 systems that feature Thunderbolt 5, 4, or USB4 connectivity, helping ensure IT-managed deployments stay efficient and consistent.

Dual security slots (K-Slot and Nano) let you physically secure the dock, helping prevent theft in shared environments or high-traffic workspaces. Connect high-performance peripherals through the downstream Thunderbolt port with up to 80Gbps/120Gbps bandwidth, while delivering up to 45W Power Delivery for fast device charging. Use the 3.5mm audio jack to connect headsets or speakers for seamless conferencing or media playback.

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

Download the StarTech.com Connectivity Tools to optimize your device setup.

Certifications, Reports and Compatibility



Applications

- Deploy a single Thunderbolt 5 dock to support high-performance workstations with multi-monitor connectivity, high-speed networking, and enterprise peripheral expansion through one cable
- Standardize desk setups for MacBook Pro, Dell Precision, HP ZBook, and other Thunderbolt-enabled laptops while providing up to 140W charging, reducing cable clutter and simplifying hot-desking
- Connect high-resolution displays, fast external storage, and multiple USB devices simultaneously to maximize productivity for engineering, creative, and development workflows

Features

- **Faster Rollouts with Fewer Tickets**: Install quickly with true driverless plug-and-play performance across macOS and Windows; Avoid OS-specific workarounds, reduce help desk tickets, and ensure consistent behavior in shared and hot-desking environments
- **Unlock Full Display Potential of Apple Silicon**: This dock supports dual 6K on MacBook Pro/Max models, up to Triple 4K 120Hz on MacBook Pro with M5 Pro, or Quad 4K displays when daisy chaining 2 Thunderbolt monitors with M5 Max
- **Quad 4K Display Support on Windows**: Connect up to four extended 4K 60Hz displays via HDMI and DisplayPort, delivering a high-performance multi-monitor workspace for productivity, creative workflows, and multitasking
- **Secure and Organize Your Deployment**: Protect your fleet using integrated K-slot and Nano lock slots; Keep desks and meeting spaces organized and secured in high-traffic or public workspaces
- **The IT Pro's Choice**: Rigorously tested in our Innovation Lab across 100+ monitors and major laptop brands before it reaches your environment; Deliver reliable, cross-platform performance backed by free lifetime 24/5 multilingual technical assistance

Hardware

Warranty	3 Years
4K Support	Yes
Displays Supported	4
# of Displays Supported	4

Audio	Yes
Interface	Thunderbolt 5
	Thunderbolt 4
	USB4 (40Gbps)
Bus Type	Thunderbolt / USB4
Compatible Lock Slot	Kensington Standard Slot (K-Slot)
	Kensington Nano Slot
Chipset ID	Intel - JHL9480 (Barlow Ridge) , Synaptics - VMM6210 , Synaptics - VMM6210 , Infineon - CYPM1322 , VIA Labs - VL822 , VIA Labs - VL822 , VIA Labs - VP226 , VIA Labs - VP226 , Realtek - RTL8156B , Fresco Logic - FL8501 , Realtek - ALC4032 ,

Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	80Gbps with 120Gbps Bandwidth Boost
Maximum Digital Resolutions	DisplayPort: 3840x2160 @ 120Hz
	HDMI: 3840x2160 @ 120Hz
	Thunderbolt 5: 3840x2160 @ 240Hz
Type and Rate	Thunderbolt 5 (80Gbps)
	USB4 (40Gbps)
UASP Support	Yes
Supported Charging Outputs	USB-C (45W)
	BC 1.2 (1.5A)

Compatible Networks	2.5G/1G/100Mbps/10Mbps
PXE	Yes
Full Duplex Support	Yes

Connector(s)

External Ports	1 - 3.5mm Audio (4-Position, Speakers + Mic, CTIA) 2 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps) 1 - RJ-45 3 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) 1 - Thunderbolt 5 2 - DisplayPort 2 - HDMI
Host Connectors	1 - Thunderbolt 5

Software

OS Compatibility	Windows 11 Windows 11 ARM macOS Sequoia (15.0) macOS Tahoe (26.0)
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Special Notes / Requirements

System and Cable Requirements	, * Thunderbolt 3 (TB3) is not supported (other than on TB3-based Apple M1/M2/M3 Standard chipsets)., ** M1, M2, and M3 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., *** Achieving high refresh rates may require DSC (Display Stream Compression) support from both the monitor and the host GPU. 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 Thunderbolt connection on different Windows systems, please consult the computer manufacturer's website., ***** When connected to a MacBook, the dock's HDMI 2.1b port supports up to HDMI 2.0b (4K 60 Hz); this is an Apple limitation., ***** When connected to a MacBook, the dock's Thunderbolt 5 (USB-C DFP) port supports up to HDMI 2.0b (4K 60 Hz) when using an HDMI adapter; this is an Apple limitation., ***** Macs do not support DisplayPort MST. As a result, only one
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video output from Group A and one video output from Group B can be used simultaneously with Apple products., , *****
Triple-display support is available on Macs with M5 Pro or M5 Max chipsets by connecting one monitor to Group A, one monitor to Group B, and one monitor to the Thunderbolt 5 (TB5) port.,

Note This docking station is not supported on Thunderbolt 3 host devices.

It is recommended that all connected monitors are of the same make and model.

Indicators

LED Indicators

1 - Power LED: , White = Powered On , Off = Powered Off

2 - RJ45 LEDs: , , Right LED Link/Activiy: , Solid Amber = Network Port is Connected , Flashing Amber = Network Port is Active , , Left LED Link Speed: , Solid Green = 2.5Gbps , Off = 1000/100/10Mbps ,

Power

Power Source AC Adapter Included

Power Delivery 140W

Output Voltage 20V DC

Output Current 9.0A

Center Tip Polarity Positive

Plug Type N

Power Consumption (In Watts) 180W

Environmental

Operating Temperature 0C to 40C (32F to 104F)

Storage Temperature -20C to 60C (-4F to 140F)

Humidity 0% to 90% (non-condensing)

Physical Characteristics

Color Black & Space Gray

Material Plastic

Cable Length 39.4 in [1000 mm]

Product Length	9.6 in [243.2 mm]
Product Width	3.6 in [92 mm]
Product Height	1.4 in [35.3 mm]
Weight of Product	25.8 oz [730 g]

Packaging Information

Package Length	6.7 in [16.9 cm]
Package Width	10.3 in [26.2 cm]
Package Height	3.5 in [9.0 cm]
Shipping (Package) Weight	2.5 lb [1.1 kg]

What's in the Box

Included in Package	1 - Thunderbolt 5 Docking Station
	1 - Thunderbolt 5 Host Cable
	1 - Universal Power Adapter (North America)
	1 - Product Documentation

Warranty Information

Warranty	3 Years
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****Product appearance and specifications are subject to change without notice.***