

USB4 Docking Station, Driverless Dual 4K 144Hz for Mac and Windows, Universal USB-C Dock with DisplayPort, 100W PD and 2.5GbE

Product ID: 208N-USB4-DOCK



This universal USB4/Thunderbolt dock lets IT teams deploy high-performance dual-display workstations with secure networking and simple, driverless setup.

Simplify mixed-device environments with a single USB4 docking station that works seamlessly across Mac and Windows. Native USB4 support on the latest MacBook Pro, MacBook Air, and business laptops makes it easier than ever to consolidate and eliminate compatibility gaps.

Unlock true driverless dual 4K video on macOS without investing in costly Thunderbolt 4 docks. Deliver consistent multi-display performance across teams while maintaining the flexibility IT needs for modern deployments.

Reduce setup time and avoid OS-specific workarounds with plug-and-play performance. This dock helps minimize help desk tickets and ensures predictable behavior in hot-desking and shared workspace environments.

Support demanding workflows with dual 4K 144Hz or single 8K 60Hz video, 2.5GbE network speeds, and 100W laptop charging through one connection. Enable advanced IT features like PXE Boot and Wake-on-LAN for easier remote management.

Integrated lock slots and VESA or surface mounting options deter theft and tampering. The included locking USB-C host cable prevents accidental disconnections, or lost and missing cables in hot-desk and meeting spaces. Keep critical systems connected, organized, and protected in high-traffic environments. This hub also features a housing made from 75% post-consumer recycled (PCR) plastic, and the product ships in FSC Mix packaging made from responsibly sourced materials to help align your IT infrastructure with your organization's sustainability goals.

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:

Advanced Window Layout Utility: To set up and save custom window layouts.

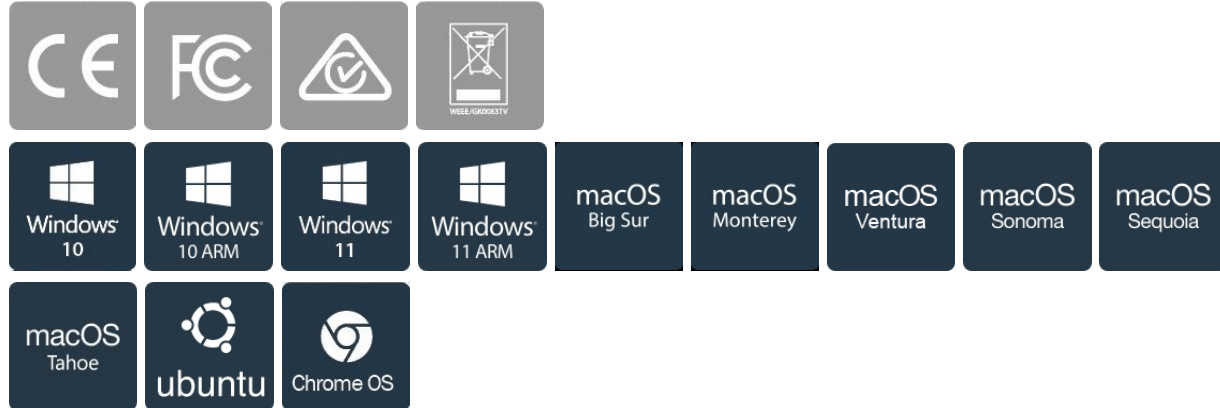
MAC Address Pass-Through Utility: To improve network security.

USB Event Monitoring Utility: To track and log connected USB devices.

Wi-Fi Auto Switch Utility: Enabling 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

- Deploy a single USB4 dock across USB4 and Thunderbolt laptops, enabling driverless deployment and consistent dual-display support throughout your fleet refresh without changing dock standards
- Enable consistent, plug-and-play workstation setups in hot-desking and shared environments with no drivers to install
- Move away from driver-dependent docking to native and uncompressed video over USB4, eliminating software-related compatibility risks tied to OS updates and long-term support
- Reduce lifecycle costs by combining lower upfront pricing with zero driver management overhead, improving total cost of ownership as deployments scale across hundreds of users

Features

- Standardize on USB4 Across Mac and Windows: USB4 is natively supported on M4 / M5 MacBook Pro, MacBook Air, and Windows business laptops, making it the right time to consolidate on a single driverless dock and eliminate compatibility exceptions
- 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
- One Dock for Every Workstation: Support up to dual 4K 144Hz or single 8K 60Hz via DisplayPort, 2.5GbE, and 100W laptop charging through a single USB4 or Thunderbolt 4 / 5 host connection; Simplify centralized IT management with PXE Boot and Wake-on-LAN

- Secure and Organize Your Deployment: Protect your fleet using integrated lock slots and flexible surface or VESA mounting options (sold separately); Keep desks and meeting spaces organized while reducing workspace disruptions
- 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

General

UPC	065030921688
Warranty	3 Years

Special Notes / Requirements

Special Notes	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.
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	AC Adapter Included
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Power Delivery	100W
Input Voltage	100 - 240 AC
Input Current	2.5A
Output Voltage	21V DC
Output Current	6.4
Center Tip Polarity	Positive
Power Consumption	134.4W

Physical & Environmental

Color	Space Gray
Material	Plastic
Cable Length	39.4 in [1000 mm]
Product Length	7.5 in [190 mm]
Product Width	3.1 in [80 mm]
Product Height	1.1 in [28.5 mm]
Weight of Product	11.7 oz [332 g]
Operating Temperature	0C to 45C (32F to 113F)
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	45,663 Hours
Maximum Digital Resolutions	8K 60Hz 4K 240Hz

Hardware

Fast-Charge Port(s)	No
4K Support	Yes
Displays Supported	2
Interface	USB4 (40Gbps)
Bus Type	USB-C
Compatible Lock Slot	Kensington Standard Slot (K-Slot) Kensington Nano Slot Noble Wedge Slot
Number of Displays	2
Chipset ID	Intel - JHL8140 Infineon - CYPD5235-96BZXI Parade - FL5500 Realtek - RTL8156B
LED Indicators	1 - Power LED: Off - The dock is turned off or not connected to power Solid Orange - The dock is on, but no host connection is detected Solid Blue - The dock is powered on and a host connect is detected

Packaging & In-the-Box

Included in Package	1 - USB4 Docking Station 1 - USB4 Host Cable 1 - Universal Power Adapter (NA)
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1 - Product Documentation

Package Width	4.8 in [123 mm]
Package Depth	10.8 in [275 mm]
Package Height	3.4 in [87 mm]
Shipping (Package) Weight	39.5 oz [1119 g]

Connector(s)

Host Connector 1 (Quantity)	1
Host Connector 1	USB-C (40Gbps, 100W PD Input)
Connector 1 (Quantity)	1
Connector 1	RJ-45
Connector 2 (Quantity)	1
Connector 2	USB-A (480Mbps, 2.5W)
Connector 3 (Quantity)	2
Connector 3	DisplayPort
Connector 4 (Quantity)	1
Connector 4	USB-C Dual-Mode DP++ (10Gbps, 7.5W / DP Alt-Mode)
Connector 5 (Quantity)	2
Connector 5	USB-A (10Gbps, 4.5W)
Connector 6 (Quantity)	1
Connector 6	USB-C (10Gbps, 4.5W)

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