

- 1x Micro Secure Digital (microSD) 4.0/UHS-II card reader to externally access mSD, mSDHC and mSDXC memory cards
- 1x 3.5mm 4-position TRRS Audio Jack to connect a 3.5mm headset

Includes a 180W power adapter and supports 98W USB power delivery. This enables the dock to charge the laptop, with 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.

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

Advanced Windows Layout Utility: To setup and save custom windows 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

- 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

- HIGH-PERFORMANCE THUNDERBOLT 4 DOCK: Easy driverless setup; 2x DisplayPort; 2x HDMI; 7-Port USB Hub (3x USB-A 10Gbps/1x USB-C 10Gbps/2x USB-A 5Gbps/1x USB 2.0); SD & mSD card readers; 2.5GbE; Lock slots (k-slots); 3.5mm Headset jack
- MULTI-MONITOR FLEXIBILITY: Up to quad 4K 60Hz w/Intel 12th Gen CPU (or higher) supporting DP 1.4 w/DSC;

Quad displays at lower resolutions or refresh-rates without DSC or with Intel 11th gen CPU (or lower); Single HDMI display up to 8K 60Hz or 4K 144Hz

- **COMPATIBILITY:** Supports Windows and macOS; Works with Thunderbolt 4/USB4 laptops; Quad display on Windows laptops; Dual display on MacBook Pro (Apple M1/M2/M3 Max & Pro); Single display on MacBook Air
- **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
- **IT PRO ADVANTAGES:** Includes 3.3ft/1m TB4 host cable; Mounting holes for optional brackets (SSPMSVESA/SSPMSUDWM); K-Slots for lock; Connectivity Tools software w/MAC Address Pass-Through, USB Event Monitoring, WiFi Auto Switching & Windows Layout utilities

Hardware

| | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warranty | 3 Years |
| 4K Support | Yes |
| Fast-Charge Port(s) | Yes |
| Displays Supported | 4 |
| Audio | Yes |
| Interface | Thunderbolt 4 |
| Bus Type | Thunderbolt 4 |
| Compatible Lock Slot | Kensington Standard Slot (K-Slot) Kensington Nano Slot |
| 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

Performance

Wake On Lan Yes

Maximum Data Transfer Rate 40Gbps

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

<i>Video performance, such as resolution and refresh rate, are also dependent upon the video capabilities of the host computer.</i><i>Some computer manufacturers, such as Dell, disable Display Stream Compression (DSC) on some of their models reducing overall video performance.</i>

Type and Rate Thunderbolt 4 - 40 Gbit/s

UASP Support Yes

Supported Charging Outputs BC 1.2 (1.5A)

Compatible Networks 2.5G/1G/100Mbps/10Mbps

PXE Yes

Full Duplex Support Yes

MTBF 10,000 Hours

Connector(s)

| | |
|-------------------|----------------------------------------------------|
| Connector Type(s) | 2 - HDMI (19 pin) |
| | 2 - DisplayPort (20 pin) |
| | 1 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) |
| | 1 - USB 2.0 A (Fast-Charge, 4 pin) |
| | 1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps) |
| | 1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps) |
| | 2 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) |
| | 2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps) |
| | 1 - 3.5mm Audio (4-Position, Speakers + Mic, CTIA) |
| | 1 - microSD |
| | 1 - SD / MMC |
| | 1 - RJ-45 |
| Host Connectors | 1 - Thunderbolt 4 (USB 4.0) |

Software

| | |
|------------------|-----------------------|
| OS Compatibility | Windows 11 |
| | Windows 11 ARM |
| | Windows 10 |
| | Windows 10 ARM |
| | macOS Big Sur (11.0) |
| | macOS Monterey (12.0) |
| | macOS Ventura (13.0) |
| | macOS Sonoma (14.0) |
| | macOS Sequoia (15.0) |

Special Notes / Requirements

| | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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

The docking station is compatible with Thunderbolt 4/USB4 Windows laptops, Thunderbolt 4 M1/M2/M3 Max/Pro MacBooks, and Thunderbolt 3 M1/Intel MacBooks (macOS 11 Big Sur or higher)

Note USB 3.2 Gen 2 (10Gbps) is also known as USB 3.1 Gen 2 (10Gbps)

USB 3.2 Gen 1 (5Gbps) is also known as USB 3.1 Gen 1 (5Gbps) and USB 3.0 (5Gbps)

Indicators

| | |
|----------------|-------------------------------------------------------------------------------------------------------|
| 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 |

Power

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

Environmental

| | |
|-----------------------|-----------------------------------|
| Operating Temperature | 0 to 40C |
| Storage Temperature | -20 to 70C |
| Humidity | 0% to 95% (non-condensing) at 25C |

Physical Characteristics

| | |
|-------------------|------------------|
| Color | Space Gray |
| Material | Aluminum |
| Product Length | 3.8 in [9.6 cm] |
| Product Width | 8.3 in [21.0 cm] |
| Product Height | 1.4 in [3.4 cm] |
| Weight of Product | 7.1 oz [200.0 g] |

Packaging Information

| | |
|---------------------------|------------------|
| Package Length | 9.1 in [23.0 cm] |
| Package Width | 9.3 in [23.5 cm] |
| Package Height | 3.5 in [9.0 cm] |
| Shipping (Package) Weight | 3.1 lb [1.4 kg] |

What's in the Box

| | |
|---------------------|----------------------------------------|
| Included in Package | 1 - Thunderbolt 4/USB4 Docking Station |
| | 1 - 3ft (1m) Thunderbolt 4 Host Cable |
| | 1 - Universal Power Adapter (EU, UK) |
| | 1 - Quick-Start Guide |

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