4-Port Thunderbolt 4 Hub - 8K, 2x 4K 60 Hz, USB 3.2 Gen 2, USB-A Port, 100W Charging, Gray

MODEL NUMBER: **MTB4-HUB3-01**

Adds 3 Thunderbolt 4 ports and one USB 3.2 Gen 2 port to your PC's or laptop's Thunderbolt port.

Features

Thunderbolt 4 Hub Turns Your Laptop or Computer into a 4-Port 8K Workstation
versatile MTB4-HUB3-01 dramatically expands the potential of your desktop computer or laptop by adding four ports to its Thunderbolt 4 or Thunderbolt 3 port. It goes further than a USB-C hub, offering three Thunderbolt 4 ports that support 8K video and 40 Gbps data transfer speeds. All three ports are backward compatible with Thunderbolt 3 and USB-C monitors as well. A USB 3.2 Gen 2 port allows speeds up to 10 Gbps.

Thunderbolt 4 Supports Blisteringly Fast 40 Gbps Data Transfer Speeds
The Thunderbolt 4 hub supports bidirectional speeds up to 40 Gbps, which is eight times faster than USB 3.0, four times faster than Thunderbolt 1 and twice as fast as Thunderbolt 2. With dual 20 Gbps channels moving data both directions at the same time, the MTB4-HUB3-01 is perfectly suited for video playback or Zoom meetings on one monitor and video editing or document sharing on another. Because Thunderbolt 4 supports minimum PCIe (PCI Express) data rates of 32 Gbps (twice that of Thunderbolt 3), transferring large RAW video, Photoshop images or CAD files takes hardly any time at all.

Transmits Crystal-Clear 8K and 4K Video for Professional Editing and Digital Signage
When connected to a Thunderbolt 4 source, the hub supports one 8K monitor (7680 x 4320 at 30 Hz) or two 4K monitors (3840 x 2160 at 60 Hz). With dual monitors, you can display the same image on both, extend your host desktop across them, or combine all screens into one large display as a video wall. The Thunderbolt 4 ports also accept Thunderbolt 3 and USB-C monitors for trade shows and video presentations. ***Note****: Source device must support DisplayPort 1.3 to achieve 8K resolution.*

Cascade up to 6 Levels of Thunderbolt Devices
 The MTB4-HUB3-01 acts as the first level in a daisychain installation and can cascade an additional five levels vertically, with many more devices connecting horizontally. The dock supports 40 Gbps Thunderbolt 4 data transmission that is shared among the three Thunderbolt ports and all connected peripherals and displays.

USB Port Connects Thumb Drives and Other USB Peripherals
The USB-A hub port supports USB 3.2 Gen 2 speeds up to 10 Gbps, which is twice as fast as USB 3.2 Gen 1. It accepts high-speed USB peripherals, such as external hard drives, giving you access to essential data storage. It also supports downstream charging of mobile devices up to 900mA (0.9A) and is backward compatible with previous USB generations.

Smart Power Function Allocates Power to Connected Devices Efficiently and Safely

Highlights

Connects one 8K @ 30 Hz or two 4K @ 60 Hz displays for convenient multitaskingSupports Thunderbolt 4 speeds up to 40 Gbps between compatible sources/displaysSupports USB 3.2 Gen 2 speeds up to 10 Gbps and 0.9A downstream device chargingDistributes power between source device and connected devices evenly and efficientlyPlug-and-play operation with no software required for easy, immediate installation

Applications

- Extend your laptop's screen, computer monitor or USB-C tablet on multiple displays to aid in multitasking and increase productivity

- Edit HDR production video or digital photos using an 8K monitor

- Charge mobile devices and connect peripherals, including RAID and hard drives, to transfer large video or CAD files

- Cascade an additional 3 devices for a connection of 6 total devices

System Requirements

- Source computer with a Thunderbolt 4 port and Windows 10 or higher OR a Thunderbolt 3 port and macOS 11 or higher

- Source computer must support DisplayPort 1.3 or higher to achieve 8K video resolutions

- Display device(s) with Thunderbolt or USB-C port (***Note****: Both active and passive Thunderbolt cables will work if both the source computer and display device are Thunderbolt compatible. Only a passive cable will work with a USB-C or other non-Thunderbolt display.*)

Package Includes

- MTB4-HUB3-01 4-Port Thunderbolt 4 Hub

- Thunderbolt 4 passive cable (M/M), 2.6 ft. (0.8 m)

- External power supply (Input: 100–240V, 50/60 Hz, 1.5A; Output: 20V 5A)

- (4) International plug adapters

The hub features a 20V 5A (100W) power input and can provide 60W to charge the source device, such as a Chromebook, MacBook Pro or iPad Pro. Each Thunderbolt 4 port supports up to 15W downstream charging for connected devices. The USB-A port supports 0.9A. The hub determines how much power is required by each port and allocates the power accordingly. *Note: This hub does not support PD Charging.*

Ready to Use Right from the Package, So You Can Plug and Play Immediately
The plug-and-play Thunderbolt 4 hub is specifically designed for Windows devices compatible with Thunderbolt 4 or macOS devices running Thunderbolt 3. It requires no extra software to be downloaded and installed. Simply connect the included Thunderbolt 4 cable to your computer's Thunderbolt port.

(North America, U.K., Europe, Australia)

- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332263117
Product Type	Thunderbolt 4 Multiport Hub
Technology	Thunderbolt; USB 3.x
Country/Region	Global
Host Connector	THUNDERBOLT 4 (USB-C MALE)

VIDEO	
Video Input	THUNDERBOLT 4 (USB-C FEMALE)
Video Output	THUNDERBOLT 4 (USB-C FEMALE)
Number of Monitors Supported	2
Video Ports	(3) THUNDERBOLT 4 (USB-C FEMALE)
Video Ports Details	Thunderbolt 4
Resolutions Supported	8K (7680 x 4320) @ 30 Hz (Single Display); 4K (3840 x 2160) @ 60 Hz (Dual Displays)
Supported Resolutions	3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	8K (7680 x 4320) @ 30 Hz
Extended Mode	Yes
Extended Mode Details	Extend two 4K (3840 x 2160) @ 60 Hz displays
Mirror Mode	Yes
Mirror Mode Details	Mirror two 4K (3840 x 2160) @ 60 Hz displays
Max Supported Color Depth	48-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
DisplayPort Alt Mode	Yes
DSC Support	No

AUDIO	
Audio Ports	THUNDERBOLT 4 (USB-C FEMALE)
Audio Ports Details	Supports pass-through audio via x3 Thunderbolt 4 ports (can use up to two ports simultaneously to transmit A/V)Audio output location can be selected by going to the sound settings of the source being used. By default, the sound will come from the first monitor connected, if that monitor has no speakers, the host will output the sound.
Audio Output	USB-C
Audio Specification	Pass-through audio via Thunderbolt 4 output ports

DATA	
Data Ports	(3) THUNDERBOLT 4 (USB-C FEMALE); USB A (FEMALE)
Data Ports Details	USB-A - USB 3.2 Gen 2 (10 Gbps); (3) USB-C - Thunderbolt 4 (40 Gbps)

INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.5A
AC Power Adapter Output Specs (V / A)	20V / 5A
AC Power Adapter Cord Length (ft.)	3.94
AC Power Adapter Cord Length (m)	1.2
Maximum Input Amps	1.5
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No

BATTERY	
Battery Charging (5V/1.5A Port)	No

POWER	
Power Source Type	AC Adapter with detachable power cord
Power Source	Unit (Included)
USB Power Delivery (PD) Charging Support	No

CONNECTIONS	
Dock Connectors	x3 Thunderbolt 4, x1 USB-A 3.1 Gen2
Side A - Connector 1	THUNDERBOLT 4 (USB-C FEMALE)
Side B - Connector 1	USB 3.1 A (FEMALE)
Side B - Connector 2	(3) THUNDERBOLT 3 (Type-C FEMALE)
Input Ports	x1 USB-C Thunderbolt 4 (Female)

CHARGING

Number of Charging Ports	4
Total Charging Watts	60
Charging Method	AC
Charging Method Detail	(x3) Thunderbolt 4 ports each support 15W charging, but do not support PD Charging(x1) USB-A port supports 900mA charging
Charging Port Type	(3) THUNDERBOLT 4 (USB-C FEMALE); (1) USB 3.1 A (FEMALE)
Charging Ports Details	(x3) Thunderbolt 4 Ports support maximum 15W charging to connected devices, but do not support PD Charging(x1) USB-A port supports maximum 900mA charging to connected devices
Smart Charging Details	Support smart charging, dynamically distribute power to PC and Hub according to the requirement of the connected devices. 1) Max 85W power supply from power adapter. 2) Max 60W for host charging. 3) Max 54.5W for Hub and connected devices
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL

Color	Gray
Cable Jacket Color	Black
Cable Outer Diameter (OD)	4.5mm
Cable Length (ft.)	2.62
Cable Length (m)	0.80
Cable Length (in.)	31.5
Cable Length (cm)	80
Total Number of Ports	5
Unit Dimensions (hwd / in.)	0.510 x 2.910 x 4.880
Unit Dimensions (hwd / cm)	1.3 x 7.4 x 12.4
Unit Dimensions (hwd / mm)	13 x 74 x 124
Unit Weight (lbs.)	0.3748
Unit Weight (kg)	0.17

ENVIRONMENTAL

Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	32° to 158°F (0° to 70°C)
Relative Humidity	0 to 90% RH, Non Condensing
Power Provided to Connected Device(s)	1) Max 85W power supply from power adapter. 2) Max 60W for host charging. 3) Max 54.5W for Hub and connected devices

FEATURES & SPECIFICATIONS

USB Hub Ports	Yes
Number of USB Hub Ports	1

USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
MST Support	No
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables); Thunderbolt 4 (up to 40Gbps)

STANDARDS & COMPLIANCE	
TAA Compliant Option	N
External Power Supply Certifications	CCC; CE; NOM; PSE; cUL
Product Certifications	EN 55032; ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty