TRIPP LITE
SERIES

USB4 Universal Dock, Dual Display - 8K or 4K 144 Hz DisplayPort and USB-C, USB-C (40 Gbps) Host, USB 3.2 Gen 2 (10 Gbps) Hub Ports, 2.5 GbE, 96W PD Charging

MODEL NUMBER: **U442-DOCK25**

Dual-display workstation transmits 8K/4K video, connects USB peripherals, charges your laptop and connects to a 2.5 GbE network.

Features

USB4 Docking Station Turns Your Laptop into a Multi-Display Workstation
This professional workspace dock dramatically expands the potential of your MacBook or Windows laptop by adding nine ports to its USB4 or Thunderbolt 4 port. Not only does the U442-DOCK25 allow you to transmit 4K/60 Hz video to two displays at the same time or 8K/30 Hz to a single display, but you can also add USB peripherals, connect to a 2.5G Ethernet network and keep your host laptop fully charged and powered during use.

USB4 Host Port Supports 40 Gbps Data Transfer Speeds
The U442-DOCK25 connects to your laptop via its USB-C host port, which allows the streaming of 4K or 8K video and transfer of large CAD files at speeds up to 40 Gbps. This makes the docking station an excellent tool for filmmakers, editors, gamers, web designers and multi-taskers who use two monitors simultaneously.

Transmits 8K/4K Video to 2 Displays Simultaneously
One USB-C and two DisplayPort (DP) outputs individually support 8K video resolutions at 30 Hz or 4K at 144 Hz with HDR (High Dynamic Range), 36-bit Deep Color and 4:4:4 chroma subsampling. You can also connect two DP displays or one DP and one USB-C display at the same time and transmit 8K at 30 Hz or 4K at 30 Hz to both. This allows you to mirror the image from the host computer across two external displays or extend the host's desktop across two displays. ***Note****: The U442-DOCK25's video output capabilities vary depending on the capabilities of the host, video cabling and display(s). Host device must support DisplayPort 1.4 Alt Mode. M1 and M2 MacBooks may only extend video to a single display at resolutions up to 4K at 144 Hz.*

USB Hub Ports Connect Keyboards, External Storage and Other Peripherals
Two USB-C and two USB-A hub ports accept USB peripherals, including keyboards/mice, hard drives and flash drives, and printers. All four ports support fast USB 3.2 Gen 2 data transfer rates up to 10 Gbps and are backward compatible with USB 3.2 Gen 1, USB 2.0 and USB 1.1 devices.

PD Charging Port Charges Host Device via AC Wall Charger
The USB4 Power Delivery (PD) port supports power output up to 96W, which is more than sufficient for charging and powering the connected source device, such as a MacBook Pro, Windows laptop or

Highlights

- Ideal for data-intensive multitasking, 8K video streaming/editing or large file transfers
- DisplayPort and USB-C ports support 8K/30 Hz or 4K/144 Hz single-video output
- USB 3.2 Gen 2 hub ports support 10 Gbps speeds for fast file transfers between devices
- USB4 port supports 96W power delivery for keeping host device fully charged
- RJ45 port connects to a wired 2.5 Gbps Ethernet network using compatible Cat6 cabling

System Requirements

- Windows or macOS host with a USB4 or Thunderbolt 4 port capable of 40 Gbps data transmission and DisplayPort Alt Mode 1.4
- macOS hosts must support at least OS 11 Big Sur to transmit video to connected displays

Package Includes

- U442-DOCK25 USB4 Universal Dock, Dual Display
- USB4 Type-C host cable, 3.3 ft. (1 m)
- External power supply (Input: 100–240V, 50/60 Hz, 2.5A Max; Output: 21V 6.4A 134.4W Max) with 3.3 ft. (1 m) cord and NEMA 5-15P plug
- Owner's manual

Chromebook. Just connect the device's wall charger to both the USB4 PD port and an AC outlet.

Accesses a Wired Gigabit Ethernet Network
The RJ45 port offers access to a 2.5 Gbps Ethernet network when Wi-Fi is unavailable or when a wired connection offers faster speeds. Connect using a compatible Cat6 Ethernet cable (sold separately) to access your local network.

Anti-Theft Locks Protect the Dock When You Aren't Around
Both a Kensington security slot (K-Slot) and a Nano security slot (Nano Slot) are featured. Connect a computer/laptop security cable lock (not included) to protect the U442-DOCK25 against theft and ensure peace of mind over your valuable data.

Specifications

OVERVIEW	
UPC Code	037332293473
Product Type	USB4 Docking Station
Device Compatibility	Chromebook; Computer; Headphones; Laptop; Monitor/HDTV; Printer; Projector
Technology	DisplayPort; USB4
Country/Region	North America
Host Connector	USB C (FEMALE)

VIDEO	
Video Input	USB C (FEMALE)
Video Output	DISPLAYPORT (FEMALE); USB C (FEMALE)
Number of Monitors Supported	2
Video Ports	(2) DISPLAYPORT (FEMALE); (1) USB C (FEMALE)
Video Ports Details	HDCP 1.4; DisplayPort 1.4; HDCP 2.3
Resolutions Supported	The U442-DOCK25's video output capabilities vary depending on the capabilities of the host, video cable(s) and display(s). The following video output combinations are supported:**Maximum Video Resolution for Thunderbolt4, USB4 or Thunderbolt 3 Host (DisplayPort 1.4 Required)**DisplayPort1: 8K/30 Hz or 4K/144 Hz (Single Output)DisplayPort2: 8K/30 Hz or 4K/144 Hz (Single Output)USB-C 8K Video Port: 8K/30 Hz or 4K/144 Hz (Single Output)DisplayPort1 + DisplayPort2: 8K/30 Hz + 4K/30 Hz (Dual Output)DisplayPort1/2 + USB-C Video: 8K/30 Hz + 4K/30 Hz (Dual Output)*Note: Supports two video streams total on first-come, first-served basis.***Maximum Video Resolution for Thunderbolt 3 Host (DP 1.2)**DisplayPort1: 4K/60 Hz (Single Output)DisplayPort2: 4K/60 Hz (Single Output)USB-C Video Port: 4K/60 Hz (Single Output)DisplayPort1 + DisplayPort2: 4K/60 Hz + 4K/60 Hz (Dual Output)DisplayPort1/2 + USB-C Video: 4K/60 Hz + 4K/60 Hz (Dual Output)*Note: Supports two video streams total on first-come, first-served basis.***Maximum Video Resolution for MFDP Host (DP 1.4)**DisplayPort1: 4K/60 Hz (Single Output)DisplayPort2: 4K/60 Hz (Single Output)USB-C Video Port: 4K/60 Hz (Single Output)*Note: Supports one video stream total on first-come, first-served basis.***Maximum Video Resolution for MFDP Host (DP 1.2)**DisplayPort1: 4K/30 Hz (Single Output)DisplayPort2: 4K/30 Hz (Single Output)USB-C Video Port: 4K/30 Hz (Single Output)*Note: Supports one video stream total on first-come, first-served basis.***Maximum Video Resolution for Macbook M1/M2 Host**DisplayPort1: 4K/144 Hz (Single Output)DisplayPort2: 4K/144 Hz (Single Output)USB-C Video Port: 4K/144 Hz (Single Output)*Note: Supports one video stream total on first-come, first-served basis.*
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	7680 x 4320 (8K)
Extended Mode	Yes
Extended Mode Details	The U442-DOCK25 is capable of extending a computer's desktop across two connected displays maximum. Please see the **Resolutions Supported** table for details.

Mirror Mode	Yes
Mirror Mode Details	The U442-DOCK25 is capable of mirroring video content from the host computer to two connected displays maximum. Please see the **Resolutions Supported** table for details.
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
Bandwidth	40 Gbps
DisplayPort Alt Mode	Yes
DSC Support	Yes

DATA

Data Ports	(3) USB A (FEMALE); (3) USB C (FEMALE)
Data Ports Details	(1) USB-A - USB 2.0; (2) USB-A - USB 3.2 Gen 2 (10 Gbps); (2) USB-C - USB 3.2 Gen 2 (10 Gbps)

NETWORK

Network Ports	RJ45 (FEMALE)
Network Ports Details	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps

INPUT

AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V, 50/60 Hz, 2.5A Max
AC Power Adapter Output Specs (V / A)	21V/6.4A
AC Power Adapter Cord Length (ft.)	3.3
AC Power Adapter Cord Length (m)	1
Maximum Input Amps	3
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Plug Type	NEMA 5-15P
Bus Powered	No

BATTERY

Battery Charging (5V/1.5A Port)	No

POWER

Power Source Type	AC Adapter
Power Source	Unit (Included)

USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0

CONNECTIONS	
Number of Ports	9
Side A - Connector 1	(2) USB C (FEMALE)
Side A - Connector 2	(2) DISPLAYPORT (FEMALE)
Side A - Connector 3	(1) USB A (FEMALE)
Side A - Connector 4	RJ45 (FEMALE)
Side B - Connector 1	(2) USB A (FEMALE)
Side B - Connector 2	(1) USB C (FEMALE)
Side B - Connector 3	USB C (FEMALE)
Connector Plating	Nickel
Connector Style	Straight

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1) ORANGE (NETWORK CONNECTION ESTABLISHED), (x1) GREEN (TRANSMITTING DATA), POWER INDICATOR LED: ORANGE - POWER ON, BLUE - CONNECTED TO HOST

CHARGING	
Number of Charging Ports	3
Total Charging Amps	5
Total Charging Watts	134
Charging Port Type	(1) USB C (FEMALE)
Charging Ports	(2) USB-A: 0.9A; (1) USB-C: 100W (20V 5A) Power Delivery (PD 3.0); (2) USB-C: 5V 1.5A (7.5W)
Charging Ports Details	USB4 host port provides maximum 96W to the host computerBoth USB-C data ports provide 1.5A device charging
Charging Ports / Amps	(2) 1.5A; (1) 5A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL	
Color	Silver
Material of Construction	PC + ABS
Cable Jacket Color	Black
Connector Color	Black
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	4.95mm
Cable Length (ft.)	3.3

Cable Length (m)	1.01
Cable Length (in.)	36
Total Number of Ports	9
Shipping Dimensions (hwd / in.)	3.23 x 10.51 x 5.91
Shipping Weight (lbs.)	1.32
Unit Dimensions (hwd / in.)	0.870 x 7.480 x 3.150
Unit Dimensions (hwd / cm)	2.2 x 19.0 x 8.0
Unit Dimensions (hwd / mm)	22 x 190 x 80
Unit Packaging Type	Box
Unit Weight (lbs.)	0.73
Unit Weight (kg)	0.33

ENVIRONMENTAL	
Operating Temperature Range	32° to 105°F (0° to 40°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Relative Humidity	20% to 80% RH
Power Provided to Connected Device(s)	96W

COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
EDID Compatible	Yes

FEATURES & SPECIFICATIONS	
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	4
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)
Data Transfer Rate	(2) 5 Gbps
MST Support	Yes
Multi-Resolution Support	Yes
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
Antibacterial	No
Ethernet Support	Yes
Suspend Mode Support	Yes
Displayport Specification	1.4
HDCP Specification	2.2
Recommended Category Cable	Cat6/Cat6a

STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); ICES (Canada); UL 62368-1
Product Compliance	FCC Part 15 Class B (USA); ICES-003 Issue 7
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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