USB-C Docking Station, HDMI, VGA, DP, USB-A/C, GbE, 100W PD Charging, Power Supply Included – 4K @ 30 Hz, Thunderbolt 3, Silver

MODEL NUMBER: **U442-DOCK4-S**

USB-C docking station with PD Charging adds HDMI, VGA, DP, USB 3.2, Ethernet and audio ports to your Windows laptop or PC.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Workstation This USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting digital audio and video to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging-compliant mobile device, connecting to a Gigabit Ethernet network and a lot more—all at the same time.
Supports USB-C DisplayPort Alternate Mode for Transmitting Audio/Video Signals By connecting the detachable USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 4K video and digital audio to a compatible monitor, television or projector without installing special software drivers.
Transmits Crystal-Clear 4K Video and Digital Audio The HDMI and DisplayPort (DP) outputs support Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz. A Mini DisplayPort or DVI display may also be connected using a DP to mDP or HDMI to DVI adapter (sold separately).
DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays By connecting the detachable USB-C cable to a source that supports DisplayPort MST Mode, you may connect two displays simultaneously. This allows you to display the same image on both monitors, extend your host desktop across both with different windows open on each, or combine both into one large display as a video wall. Connect dual monitors in Extended (4K @ 30 Hz DP with 1080p HDMI or 720p VGA) and Mirror (1080p DP with 1080p HDMI or 1080p VGA) modes. HDMI and VGA video ports will not work simultaneously.
USB Ports Connect Keyboards, Thumb Drives and Other Peripherals One USB-C and four USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. They support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps (10 times faster than USB 2.0) and are backward compatible with USB 2.0 and USB 1.1 devices. Two ports also support BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device. Note: Host must support USB OTG (On-the-Go).
PD Charging Port Charges the Connected Notebook, Tablet or Other Device The USB-C port supports Power Delivery (PD) 2.0 charging of connected PD Charging-compliant devices, such as laptops, Kindles, iPads and Android smartphones. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 20V 5A (100W). This port, as mentioned above, can also be used for transferring data up to 5 Gbps. Note: USB-C PD port does not support Quick Charge (QC).
Accesses a Wired Gigabit Ethernet Network The RJ45 port offers access to a Gigabit Ethernet network when no Wi-Fi is available or when a wired connection offers faster speeds. Connect using a UTP cable (sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

Highlights

- Connects 2 displays at the same time for easy multitasking and increasing productivity
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear video
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C and USB-A data ports allow connection of flash drives and other peripherals

Applications

- Extend or mirror your laptop or PC monitor on multiple displays to aid in multitasking and increase productivity
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Save data to a USB-enabled thumb drive or external hard drive
- Charge your notebook or laptop by connecting its wall charger to the USB-C PD Charging port
- Connect a microphone/headset to record a podcast or listen to music

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate

Connects Speakers, Microphone and Other Audio Equipment The USB-C hub's 3.5 mm mini stereo jacks are convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.
Detachable USB-C Cable Connects in Either Direction Unlike traditional USB cables that connect in only one direction, the reversible USB-C male connector plugs into a USB-C or Thunderbolt 3 port in either direction for an instant connection every time.
Ready to Use Right Out of the Package The plug-and-play USB-C dock is specifically designed for use with Windows laptops and other notebooks, smartphones, tablets and devices equipped with a USB-C or Thunderbolt 3 port. It requires no extra software to be downloaded or installed. It's slightly larger than an average smartphone, but compact enough to fit easily into your desk space without taking up much valuable room.

Mode

- Display device with DisplayPort, HDMI, VGA, Mini DisplayPort* or DVI* input
- Not for use with Thunderbolt monitors

*Requires adapter (sold separately)

Package Includes

- U442-DOCK4-S USB-C Dock, Dual Display, Silver
- USB-C cable (M/M), 2.6 ft.
- External power supply (Input: 100–240V, 50/60 Hz, 1.8A; Max Output: 20V 3.6A)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332213518
Product Type	Docking Station
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; USB; USB 3.0 (SuperSpeed); USB 3.1 (Gen 1); VGA/SVGA; PD Charging
Host Connector	USB C (MALE)

VIDEO	
Number of Monitors Supported	2
Video Ports	DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Detail	DisplayPort 1.2; HDMI 1.4; HDCP 1.4
Resolutions Supported	DisplayPort: 4K 30Hz (3840 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	DP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Extended Mode	Yes
Extended Mode Details	1x DP (4K 30Hz) + 1x HDMI (1080p 60Hz)1x DP (4K 30Hz) + 1x VGA (720p 60Hz)
Mirror Mode	Yes
Mirror Mode Details	1x DP (1080p 60Hz) + 1x HDMI (1080p 60Hz)1x DP (1080p 60Hz) + 1x VGA (1080p 60Hz)
Chroma Sub Sampling	4:4:4

AUDIO

Audio Ports	(2) 3.5MM (FEMALE)
Audio Ports Detail	Mini stereo jack, one audio out/in (speaker, microphone or headphones) and the other audio in (microphone)
Audio Specification	Stereo

DATA

Data Ports	(1) USB C (FEMALE); (4) USB A (FEMALE)
Data Ports Detail	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (4) USB-A - USB 3.2 Gen 1 (5 Gbps)

NETWORK

Network Ports	RJ45 (FEMALE)

INPUT

Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
External Power Supply Plug(s)	NEMA 1-15P North America
Bus Powered	No

BATTERY

Battery Charging (5V/1.5A Port)	Yes

POWER

External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.8A
External Power Supply Output Specs (V / A)	20V / 3.6A
External Power Supply Cord Length (ft.)	4.0
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	CE; RoHS; UL; cUL
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	2.0

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Green (Power), Orange (Transmitting Data)

CHARGING

Charging Ports / Amps	0.9A; 1.5A; 5A
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)

Total Charging Watts	100
PHYSICAL	
Color	Silver
Cable Jacket Rating	VW-1
Material of Construction	Aluminum, PVC
Shipping Dimensions (hwd / in.)	2.28 x 9.45 x 7.87
Shipping Weight (lbs.)	2.77
Unit Dimensions (hwd / in.)	0.87 x 7.8 x 3.3
Unit Packaging Type	Box
Unit Weight (kg)	0.43
Unit Weight (lbs.)	0.94
ENVIRONMENTAL	
Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
BTUs	34.1 BTU/Hr
Power Consumption (Watts)	10
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	5V 0.9A Output (USB A), Up to 20V 5A (100W) Input (USB C)
COMMUNICATIONS	
Network Speed	Gigabit Ethernet (10/100/1000)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
CONNECTIONS	
Ports	13
Dock Connectors	DISPLAYPORT, HDMI, VGA, RJ45 LAN, 2X USB2.0A, 2X 3.5MM, USB-C, 2X USB3.0A
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	(4) USB A (FEMALE)
Side B - Connector 4	(2) 3.5MM (FEMALE)
Side B - Connector 5	USB C (FEMALE)
Connector Plating	Nickel

FEATURES & SPECIFICATIONS	
Displayport Specification	1.2
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	5
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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