

USB-C Dock, Dual Display - 4K HDMI, VGA, USB 3.2 Gen 1, USB-A/C Hub, GbE, 100W PD Charging

MODEL NUMBER: U442-DOCK6-GY



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

Features

Portable 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 Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K or 1080p video and digital audio to a large display, adding a thumb drive and other USB peripherals, powering and charging a PD Charging-compliant mobile device, and connecting to a Gigabit Ethernet network—all at the same time.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 4K video and digital audio to an HDMI monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear True 4K Video and Digital Audio with True 4:4:4 Color The HDMI output supports true 4K video resolutions up to 4096 x 2160 at 30 Hz with multi-channel sound and 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Connect the HDMI port to your display with a user-supplied HDMI cable (sold separately). A DVI display may also be connected using an HDMI to DVI adapter (sold separately).

Connect an Existing VGA Monitor for Analog Video The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. The Mirror Mode feature lets you transmit 1080p video to both VGA and HDMI displays at the same time, which is convenient for digital signage applications or connecting two monitors to your desktop or laptop computer.

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals One USB-C and two USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. Both USB-A ports support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps (10 times faster than USB 2.0). One port also supports 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) 3.0 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

Highlights

- Connects 2 displays at the same time for easy multitasking and increasing productivity
- Supports true 4K resolutions up to 4096 x 2160 (@ 30 Hz) for crystal-clear video
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- Provides 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C and USB-A ports allow connection of flash drives and other peripherals

Applications

- 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 Mode
- Display device with HDMI, VGA or DVI* input

*Requires adapter (sold separately)

Package Includes

- U442-DOCK6-GY USB-C Dock, Dual Display, Gray
- Owner's manual



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. PD 3.0 Fast Role Swap technology ensures all data and power connections remain stable if the wall charger becomes accidentally dislodged. Note: USB-C PD port does not support Quick Charge (QC).

Accesses a Wired Gigabit Ethernet NetworkThe RJ45 port offers access to a Gigabit Ethernet network when Wi-Fi is unavailable 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.

Built-In USB-C Cable Attaches in Either DirectionUnlike 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 from the Package, So You Can Plug and Play ImmediatelyThe 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 about the size of a smartphone, making it easy to pack into a pocket, backpack or laptop bag for multipoint convenience wherever you go.

Specifications

OVERVIEW	
UPC Code	037332240774
Product Type	Docking Station
Technology	Cat5/5e; Cat6; HDMI; VGA/SVGA
Host Connector	USB C (MALE)
VIDEO	
Number of Monitors Supported	2
Video Ports	HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (4096 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	HDMI: 4096 x 2160, including 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Extended Mode	No
Mirror Mode	Yes
Mirror Mode Details	1x HDMI (1080p) + 1x VGA (1080p)
Chroma Sub Sampling	4:4:4
DATA	
Data Ports	(1) USB C (FEMALE); (2) USB A (FEMALE)
Data Ports Details	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (2) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	



Network Ports	RJ45 (FEMALE)
INPUT	
Built-In Cable Length (ft.)	0.34
Built-In Cable Length (m)	0.12
Built-In Cable Length (in.)	4.72
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	White (Power) and Orange (Activity)
CHARGING	
Total Charging Watts	100
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Charging Ports / Amps	(1) 1.5A; (1) 5A
PHYSICAL	
Color	Gray
Material of Construction	Aluminum
Cable Jacket Rating	VW-1
Unit Dimensions (hwd / cm)	1.4 x 9.5 x 4.9
Unit Dimensions (hwd / in.)	0.6 x 3.7 x 1.9
Unit Packaging Type	Box
Unit Weight (kg)	0.08
Unit Weight (lbs.)	0.18
ENVIRONMENTAL	
Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Operating Humidity Range	10% to 85% RH, Non-Condensing



Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-A: 5V 1.6A (8W) when connected to a PD 3.0 compliant charger; USB-C: 20V 5A (100W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
CONNECTIONS	
Ports	6
Dock Connectors	USC-C Data/PD Charge, (x2) USB-A, HDMI, VGA, RJ45
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE); USB 3.0 A (FEMALE); USB C (FEMALE)
Side B - Connector 2	HD15 (FEMALE)
Side B - Connector 3	USB 3.0 A (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	2
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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Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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