

Due to compatibility issues with some HP-branded laptops, the following steps should be done ONLY if attempting to use the PD Charging function of this dock with an HP laptop:

- Ensure the host computer has administrative access in order to change the BIOS settings of the computer
- When connecting external displays and/or USB peripherals to the video outputs and USB-A port, be sure to connect the PD Charging port last. Failing to do so can result in inconsistent or reduced functionality.
- Go to the BIOS settings of the host computer and make the following changes: Enable "High resolution mode when connected to a USB-C DP Alt Mode dock" Enable "Thunderbolt Mode" Enable "Thunderbolt Type-C" Port Restrict USB devices under "Allow All USB Devices" Enable Wake on LAN (WOL) under "Boot to Hard Drive"

The dock's video output capabilities will depend on whether the host computer is running Mac OS or Windows OS, and what the capabilities of the graphics card of the host computer are. If used with a MacBook or other Mac OS device, the dock will only support extended mode to one display and mirror image from the host to the other two (if using three displays). If used with a Windows PC, the dock can support extended mode or mirror mode to up to three connected displays. The maximum possible video output is three connected displays plus the host laptop's screen, but this depends on the graphics card capabilities of the host laptop.

There is no need to follow the above steps if using this dock with non-HP laptops or with an HP laptop and without using the PD Charging port. The dock should operate without issue.

## USB-C Dock, Triple Display - HDMI, VGA, USB 3.2 Gen 1, USB-A Hub, 100W PD Charging

MODEL NUMBER: U442-DOCK12-S



USB-C dock with PD Charging adds dual HDMI, VGA and USB ports to your laptop or tablet's USB-C or Thunderbolt 3 port.

### Features

**USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Workstation** This multiport USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, tablet or other device with a 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 and more—all at the same time.

**Supports USB-C DisplayPort Alternate Mode for Transmitting Audio/Video Signals** By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 1080p video and digital audio to a compatible monitor, television or projector without installing special software drivers.

**Transmits Crystal-Clear 1080p Video and Digital Audio** The two HDMI and single VGA ports support

### Highlights

- Mirrors 3 displays at the same time for easy multitasking and increasing productivity
- Supports HDMI and VGA resolutions up to 1920 x 1200 (including 1080p) @ 60 Hz
- Transmits audio/video signals from sources supporting USB DisplayPort Alt Mode
- Supports 20V 5A (100W) power output for fast-charging compatible mobile devices
- USB-A port transfers data from thumb drives or printers at speeds up to 5 Gbps

### Applications

- Mirror your laptop or PC monitor on multiple displays to aid in multitasking and increase productivity
- Transfer files to and from a USB 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 VGA, DVI\* or HDMI input
- Not for use with Thunderbolt monitors

\*Requires adapter (sold separately)

### Package Includes

- U442-DOCK12-S USB-C Dock, Triple Display, Silver
- Owner's manual

HD video resolutions up to 1920 x 1200, including 1080p, at 60 Hz. You can connect up to three external monitors at the same time in Mirror mode, which allows you to display the same 1080p image on all of them. A DVI display may also be connected using an HDMI to DVI adapter (sold separately).

**USB Port Connects Keyboards, Thumb Drives and Other USB Peripherals**The USB 3.2 Gen 1 port accepts USB peripherals, such as flash drives, mice, keyboards and printers. It supports fast data transfer rates up to 5 Gbps and is backward compatible with USB 2.0 and USB 1.1 devices. Note: Host must support USB OTG (On-the-Go).

**PD 2.0 Charging Port Charges Connected Device via AC Wall Charger**The USB-C Power Delivery port supports power output up to 20V 5A (100W), which is sufficient for charging and powering the connected source device, such as an Android smartphone or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. Note: USB-C PD port does not support Quick Charge (QC).

**Built-In USB-C Cable Connects in Either Direction**Connect the reversible USB-C plug to your source device's USB-C or Thunderbolt 3 port. The fumble-free USB-C plug connects in either direction to ensure fast, easy 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. The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

## Specifications

OVERVIEW	
UPC Code	037332213389
Product Type	Docking Station
Technology	HDMI; VGA/SVGA
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HD15 (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	(2) HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.3
Resolutions Supported	HDMI: 1920 x 1200 60HzVGA: 1920 x 1200 60Hz
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 1920x1200
Max Supported Video Resolution	HDMI/VGA: 1920 x 1200 (1080P) @ 60Hz
Extended Mode	Yes
Extended Mode Details	<b>Extend a desktop across up to three displays with the following video output combinations: Windows*:</b> 2x HDMI (1080p)1x HDMI (1080p) + 1x VGA (1080p)2x HDMI (1080p) + 1x VGA (1080p)*The maximum video extension capability is up to three connected displays plus the host laptop's screen, depending on the capabilities of the host laptop's graphics card <b>Mac*:</b> 2x HDMI (1080p)1x HDMI (1080p) + 1x VGA (1080p)2x HDMI (1080p) + 1x VGA (1080p)*Mac OS allows for one connected display to be extended while all other connected displays will show a mirror image

Mirror Mode	Yes
Mirror Mode Details	<b>Transmit mirrored video content to three displays with the following video output combinations:</b> 2x HDMI (1080p)1x HDMI (1080p) + 1x VGA (1080p)2x HDMI (1080p) + 1x VGA (1080p)
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	No
Chroma Sub Sampling	4:4:4
DisplayPort Alt Mode	Yes
<b>DATA</b>	
Data Ports	(1) USB A (FEMALE)
Data Ports Details	(1) USB-A - USB 3.2 Gen 1 (5 Gbps)
<b>INPUT</b>	
Built-In Cable Length (ft.)	0.49
Built-In Cable Length (m)	0.15
Built-In Cable Length (in.)	5.9
Built-In Cable Length (cm)	15
Bus Powered	Yes
Product Length (in.)	12
Product Length (cm.)	30.48
Product Length (ft.)	1
Product Length (m.)	0.3
<b>BATTERY</b>	
Battery Charging (5V/1.5A Port)	No
<b>POWER</b>	
Power Consumption (Watts)	0.85
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	2.0
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	White (Connection to Power)
<b>CHARGING</b>	
Number of Charging Ports	2

Total Charging Amps	0.9A (USB-A Port); 3A (PD Charging Port)
Total Charging Watts	60
Charging Port Type	USB A (FEMALE); USB C (FEMALE)
Charging Ports Details	(1) USB-A port supports 5V/0.9A (4.5W) charging to connected devices(1) USB-C PD 2.0 charging port supports 20V/3A (60W) charging to the host computer
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
Charging Ports / Amps	0.9A; 3A
<b>PHYSICAL</b>	
Color	Silver
Material of Construction	Aluminium
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.0mm +/- 0.15mm
Cable Length (ft.)	0.49
Cable Length (m)	0.15
Cable Length (in.)	5.91
Cable Length (cm)	15
Total Number of Ports	5
Shipping Dimensions (hwd / in.)	0.00 x 0.00 x 0.00
Shipping Dimensions (hwd / cm)	0.00 x 0.00 x 0.00
Shipping Weight (lbs.)	0.00
Shipping Weight (kg)	0.00
Unit Dimensions (hwd / in.)	0.670 x 4.700 x 2.200
Unit Dimensions (hwd / cm)	1.7 x 5.5 x 11.9
Unit Dimensions (hwd / mm)	17 x 55 x 119
Unit Packaging Type	Box
Unit Weight (lbs.)	0.21
Unit Weight (kg)	0.10
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 131 F (0 to 55 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Relative Humidity	5% to 95% RH, Non-Condensing
BTUs	2.9 BTU/Hr

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/0.9A (4.5W), USB-C: 20V/5A (100W)
<b>CONNECTIONS</b>	
Number of Ports	5
Dock Connectors	(2) HDMI, USB-A 3.2 Gen 1, VGA, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); (2) HDMI (FEMALE)
Side B - Connector 2	USB C (FEMALE)
Side B - Connector 3	USB A (FEMALE)
Connector Plating	Nickel
<b>FEATURES &amp; SPECIFICATIONS</b>	
HDCP Specification	1.3
USB Hub Ports	Yes
Number of USB Hub Ports	1
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Driver Required	Yes
UASP Support	No
Auto MDIX Support	No
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
Ethernet Support	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	EN 55024; EN 55032
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty



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