

USB-C Dock for Microsoft Surface - 4K HDMI, USB 3.x Gen 2 (10Gbps) and USB 2.0 Hub Ports, GbE, 100W PD Charging, Black

MODEL NUMBER: U442-DOCK14-MS



Turns your Microsoft Surface device into a multiport workstation with 4K video, USB ports, Ethernet access and 100W PD charging.

Features

USB-C Docking Station Turns Your Microsoft Surface into a Versatile Workstation

This multipurpose dock is compatible with any Surface device with a USB-C port. An adjustable clamp firmly secures the dock to compatible Surface devices up to 12 inches (30.5 centimeters) wide. You can connect to a wired Gigabit Ethernet network, transmit 4K video with audio to a larger screen, add a thumb drive and other USB peripherals, and charge your Surface, all at the same time. **Note:** This dock clamps to the following models: Surface GO, Surface GO 2, Surface GO 3, Surface Pro 7, Surface Pro 8 and Surface Pro X. It also works with other Surface devices with a USB-C port, but cannot clamp to them.

Transmits Crystal-Clear 4K Video with Digital Audio

The HDMI port supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. HDCP 2.3 compliance allows you to stream 4K Amazon and Netflix content with no complications. You may also connect to a DVI display by connecting an HDMI-to-DVI adapter (sold separately).

USB 3.2 Gen 2 Ports Connect Keyboards, Thumb Drives and Other Peripherals

Two USB-A ports and one USB-C port support USB 3.2 Gen 2 data transfer rates up to 10 Gbps for USB peripherals, such as flash drives, RAID storage, mice and keyboards. Another USB-A port supports USB 2.0 specifications for devices that require less speed. All ports are backward compatible with previous USB generations, so you can use legacy equipment.

PD Charging Port Charges Host Device via AC Wall Charger

The USB-C Power Delivery port supports power output up to 20V 5A (100W), which is more than sufficient for charging and powering the connected Surface. Just connect the device's wall charger to both the USB-C PD port and an AC outlet.

Accesses a Wired Gigabit Ethernet Network

The 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.

Specifications

Highlights

- HDMI port supports UHD resolutions up to 4K @ 30 Hz for crystal-clear video
- USB hub ports allow connection of flash drives, hard drives and other peripherals
- Supports USB 3.2 Gen 2 speeds up to 10 Gbps to ensure lightning-fast data transfers
- Connects you to a wired 10/100/1000 Ethernet network when no Wi-Fi is available
- USB-C PD 3.0 port supports 20V 5A (100W) power output for charging host device

System Requirements

- Clamps to any Microsoft Surface with USB-C port and width of 12 in. or less, including Surface GO, Surface GO 2, Surface GO 3, Surface Pro 7, Surface Pro 8, Surface Pro X
- Also works with all other Surface devices with USB-C port, but cannot clamp to them

Package Includes

- U442-DOCK14-MS USB-C Dock for Microsoft Surface
- Owner's manual

OVERVIEW	
UPC Code	037332272645
Product Type	Docking Station
Technology	Cat5/5e; Cat6; HDMI; Thunderbolt; USB; USB 2.0 (High Speed); USB 3.x
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (3840 x 2160)
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 @ 30 Hz
Extended Mode	Yes
Mirror Mode	Yes
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
DisplayPort Alt Mode	Yes
DATA	
Data Ports	(3) USB A (FEMALE); USB C (FEMALE)
Data Ports Details	(1) USB-A - USB 2.0; (2) USB-A - USB 3.2 Gen 2 (10 Gbps); (1) 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)
INPUT	
Built-In Cable Length (ft.)	0.984
Built-In Cable Length (in.)	11.81
Built-In Cable Length (cm)	30
Bus Powered	Yes



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BATTERY	
Battery Charging (5V/1.5A Port)	No
POWER	
Power Source Type	Bus
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
CONNECTIONS	
Number of Ports	6
Ports	1
Ports Detail	Supports Gigabit (10/100/1000 Mbps) Ethernet network connection
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	USB C (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
Side B - Connector 3	(3) USB A (FEMALE)
Side B - Connector 4	RJ45 (FEMALE)
CHARGING	
Number of Charging Ports	1
Total Charging Watts	100
Charging Port Type	USB C (FEMALE)
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
Charging Ports Details	100W (20V/5A) PD 3.0
Charging Ports / Amps	5A
PHYSICAL	
Color	Black
Material of Construction	PLASTIC (PC + ABS)
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.5mm
Shipping Dimensions (hwd / in.)	1.77 x 11.02 x 4.33
Shipping Weight (lbs.)	0.57
Unit Dimensions (hwd / in.)	1.260 x 8.780 x 1.320



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Unit Weight (lbs.)	0.55
Unit Weight (kg)	0.25
ENVIRONMENTAL	
Operating Temperature Range	41° to 95°F (5° to 35°C)
Storage Temperature Range	14° to 122°F (-10° to 50°C)
Relative Humidity	20% to 80% RH
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
FEATURES & SPECIFICATIONS	
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	4
USB Specification	USB 2.0 (up to 480 Mbps); 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)
Multi-Resolution Support	Yes
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	No
Full Duplex Support	No
Suspend Mode Support	No
Remote Wakeup Support	No
Displayport Specification	1.4
HDCP Specification	1.4; 2.3
Driver Required	No
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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