

Specifications

Eaton U442-DOCK8G-GG2



USB-C Travel Dock, Triple Display - 4K 60 Hz HDMI, 8K USB-C, HDR, 4:4:4, HDCP 2.3, USB 3.2 Gen 1 Hub Ports, GbE, 100W PD Charging



General specifications

PRODUCT NAME	Eaton Tripp Lite series docking station
CATALOG NUMBER	U442-DOCK8G-GG2
UPC	037332298287
PRODUCT LENGTH/DEPTH	2.32 in
PRODUCT HEIGHT	4.33 in
PRODUCT WIDTH	0.45 in
PRODUCT WEIGHT	0.28 lb
WARRANTY	3 year limited
COMPLIANCES	RoHS CE Marked REACH FCC Compliant
CERTIFICATIONS	ICES NOM
GLOBAL CATALOG	U442-DOCK8G-GG2
PRODUCT TYPE	Docking station

Product specifications

TYPE	Docking Station
DEVICE COMPATIBILITY	Chromebook Computer Laptop Monitor/HDTV
OPERATING HUMIDITY RANGE	10% to 85% RH, Non-Condensing
STORAGE HUMIDITY RANGE	5% to 90% RH, Non-Condensing
COLOR	Black Gray
CABLE JACKET RATING	VW-1
USB HUB PORTS	Yes
USB POWER DELIVERY (PD) CHARGING SUPPORT	Yes
CABLE JACKET COLOR	Black
CHARGING PORTS / AMPS	0.9A 1.5A 5A
CONNECTOR COLOR	Gray
CONNECTOR PLATING	Nickel
CHARGING METHOD	USB
CONNECTOR TYPE	USB/Thunderbolt/Lightning Video Storage Networking-copper
PRODUCT FEATURES	3D Video Supported Battery Charging (5V/1.5A Port) Bus Powered Extended Mode Full Duplex Support HDR Support Mirror Mode Remote Wakeup Support Suspend Mode Support DisplayPort Alt Mode DSC Support Ethernet Support
USB SPECIFICATION	USB 2.0 (up to 480 Mbps) USB 3.2 Gen 1 (up to 5 Gbps)
CABLE JACKET MATERIAL	TPE
CONNECTOR STYLE	Straight
NETWORK SPEED	10 Mbps 100 Mbps (Fast Ethernet) 1000 Mbps 1 Gbps (Gigabit)

Resources

CHARGING PORT TYPE	USB A (FEMALE) USB C (FEMALE)
CHROMA SUB SAMPLING	4:2:0 4:2:2 4:4:4
POWER SOURCE TYPE	USB
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	USB C (MALE)
COMPATIBLE DEVICES	Chromebook Laptop Smartphone Tablet
SIDEB CONNECTOR1	HDMI (FEMALE)
SIDEB CONNECTOR2	USB A (FEMALE)
OPERATING TEMPERATURE	32° to 113°F (0° to 45°C)
OPERATING TEMPERATURE RANGE	32° to 113°F (0° to 45°C)
STORAGE TEMPERATURE RANGE	14° to 158°F (-10° to 70°C)
DATA PORTS	USB-A - USB 2.0 USB-A - USB 3.2 Gen 1 (5 Gbps) USB-C - USB 3.2 Gen 1 (5 Gbps) USB A (FEMALE) USB C (FEMALE)
SIDEB CONNECTOR3	USB C (FEMALE) HDMI (FEMALE)
DISPLAYPORT SPECIFICATION	1.4
SIDEB CONNECTOR4	MICRO SD (FEMALE) SD (FEMALE)
HOST CONNECTOR	USB C (MALE)
SIDEB CONNECTORS5	RJ45 (FEMALE)
CHARGING AMPS PER PORT	0.9 A 1.5 A 5 A
TECHNOLOGY	Cat5/5e Cat6 HDMI USB 3.x
NETWORK COMPATIBILITY	10 Mbps 100 Mbps (Fast Ethernet) 1000 Mbps
CHARGING PORTS	USB-A: 5V 1.5A (7.5W) USB-C: 85W Power Delivery (PD 3.0)
DATA TRANSFER RATE	480 Mbps 5 Gbps

VIDEO PORTS DETAILS	• HDCP 1.4 • HDCP 2.3
NUMBER OF CHARGING PORTS	3
CABLE LENGTH	Up to 4ft (up to 1M)
NUMBER OF MONITORS SUPPORTED	3
NUMBER OF PORTS	9
NUMBER OF USB HUB PORTS	3
POWER CONSUMPTION (WATTS)	15 W
TOTAL NUMBER OF PORTS	8
CABLE OUTER DIAMETER (OD)	4.3mm
DATA PORTS DETAILS	• USB-A - USB 2.0 • USB-A - USB 3.2 Gen 1 (5 Gbps) • USB-C - USB 3.2 Gen 1 (5 Gbps)
LED INDICATORS	RJ45 Port: White (Connection), Orange (Activity)
CONNECTOR GROUP	USB-C USB-A HDMI SD RJ45
MATERIAL	Aluminum, TPE, ABS/PC
MAX SUPPORTED COLOR DEPTH	36-bit Deep Color
MAX SUPPORTED VIDEO RESOLUTION	USB-C: 7680 x 4320 @30Hz; HDMI: 3840 X 2160 @ 60HZ
OVER CURRENT PROTECTION	Y
RECOMMENDED CATEGORY CABLE	Cat5e/6/6a
RESOLUTIONS SUPPORTED	• USB-C Data/Video port: Maximum 8K/30 Hz or 4K/120 Hz, including HDR, RGB, YCbCr (4:4:4, 4:2:2, 4:2:0), 6/8/10/12 bpc, and DP++ • HDMI ports:

Maximum 4K/60 Hz per port, including HDR, RGB (4:4:4), YCbCr (4:4:4, 4:2:2, 4:2:0), and 8/10/12 bpc

- The three video ports can be used simultaneously in dual (4K/30Hz x2) or triple (4K/30Hz + 1080p x2) with a DP 1.4 Alt Mode Host
- When connected to a DP 1.4 Alt Mode Host with DSC Support the video ports can be used simultaneously in dual (4K/60 Hz) or triple (4K/30Hz x3) output configurations
- The actual video output capabilities are dependent upon the host, cabling, and display(s)

SD CARD SPECIFICATION	• Micro SD • SD
WIRE GAUGE (AWG)	34/24
POWER PROVIDED TO CONNECTED DEVICE(S)	15W is dedicated to powering the dock itself, the remaining 85W is used to charge the host
TOTAL CHARGING WATTS	100 W
BANDWIDTH	18 Gbps
CONNECTOR	USB C (male) USB A (female) HDMI (female) SD (female) RJ45 (female)
SUPPORTED RESOLUTION	1280x720 (720p) 1920x1080 (1080p) 3840x2160 (4K) 7680 x 4320 (8K)
NETWORK PORTS	RJ45 (FEMALE)
VIDEO INPUT	USB C (MALE)
VIDEO OUTPUT	HDMI (FEMALE) USB C (FEMALE)

VIDEO PORTS	HDMI (FEMALE) USB C (FEMALE)
USB POWER DELIVERY (PD) CHARGING SPECIFICATION	100W 20V/5A 3.0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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