Specifications







Eaton MTB4-DOCK02

Thunderbolt 4 Dock, Quad Display - 8K Thunderbolt and DisplayPort, 4K HDMI and DisplayPort, USB-C and USB-A Ports, 2.5 GbE, 96W PD Charging

General specifications	
PRODUCT NAME	Eaton Tripp Lite series docking station
CATALOG NUMBER	MTB4-DOCK02
UPC	037332295750
PRODUCT LENGTH/DEPTH	3.35 in
PRODUCT HEIGHT	1.12 in
PRODUCT WIDTH	8.86 in
PRODUCT WEIGHT	1.31 lb
COMPLIANCES	FCC Class B RoHS WEEE Directive
CERTIFICATIONS	CSA Std. C22.2 ICES UL 62368-1
GLOBAL CATALOG	MTB4-DOCK02
PRODUCT TYPE	Docking station

Powering Business Worldwide

Product specifications

TYPE	Docking Station
AMPERAGE RATING	3A
AUDIO PORTS	3.5MM (FEMALE)
CHARGING PORTS DETAILS	Thunderbolt 4 Host port supports up to 96W charging of the host (5V/9V/15V 3A; 20V/4.8A); (2) Thunderbolt 4 ports support 5V/3A (15W) downstream charging; (1) USB-C Gen2 port supports 5V/1.5A(7.5W) downstream charging; (1) USB-A Gen2 port supports 5V/1.5A (7.5W) downstream charging; (2) USB-A Gen1 ports support 5V/0.9mA (4.5W) downstream charging
NUMBER OF CHARGING PORTS	7
TOTAL CHARGING WATTS	150
DEVICE COMPATIBILITY	Computer Laptop Monitor/HDTV
AC POWER ADAPTER PLUG(S)	NEMA 1-15P North America
OPERATING HUMIDITY RANGE	10% to 85% RH (No Condensation)
STORAGE HUMIDITY RANGE	5% to 90% RH (No Condensation)
COLOR	Gray
USB HUB PORTS	Yes
USB POWER DELIVERY (PD) CHARGING SUPPORT	Yes
IEEE STANDARDS SUPPORTED	802.3
CHARGING METHOD	USB
PRODUCT FEATURES	3D Video Supported Battery Charging (5V/1.5A Port) Driver Required Extended Mode HDR Support Mirror Mode MST Support Multi-Resolution Support EDID Support DisplayPort Alt Mode DSC Support

Resources

	Ethernet Support Security Lock EDID Compatible
USB SPECIFICATION	USB 3.2 Gen 1 (up to 5 Gbps) USB 3.2 Gen 2 (Up to 10 Gbps) USB4 (up to 40 Gbps)
COLOR DEPTH	36-bit Deep Color
CHARGING PORT TYPE	THUNDERBOLT 4 (USB-C FEMALE) USB A (FEMALE) USB C (FEMALE)
NETWORK SPEED DETAILS	10 Mbps 100 Mbps (Fast Ethernet) 1 Gbps (Gigabit) 2.5 Gbps
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:2:0 4:2:2 4:4:4
PLUG COLOR	White Blue
EXTERNAL POWER SUPPLY CERTIFICATIONS	DOE cUL
POWER SOURCE TYPE	AC Adapter with detachable power cord
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	THUNDERBOLT 4 (USB-C FEMALE)
SIDEB CONNECTOR1	USB C (FEMALE) USB A (FEMALE)
SIDEA CONNECTOR2	USB C (FEMALE)
SIDEB CONNECTOR2	RJ45 (FEMALE)
DATA PORTS	USB-A - USB 3.2 Gen 1 (5 Gbps) USB-A - USB 3.2 Gen 2 (10 Gbps) USB-C - USB 3.2 Gen 2 (10 Gbps) USB-C - Thunderbolt 4 (40 Gbps) THUNDERBOLT 4 (USB-C FEMALE) USB A (FEMALE) USB C (FEMALE)
SIDEA CONNECTOR3	USB A (FEMALE)
SIDEB CONNECTOR3	DISPLAYPORT (FEMALE) USB A (FEMALE)
DISPLAYPORT SPECIFICATION	1.4
SIDEA CONNECTOR4	MICRO SD (FEMALE)

VOLTAGE COMPATIBILITY (VAC)	120 VAC 125 VAC
SIDEB CONNECTOR4	HDMI (FEMALE)
HOST CONNECTOR	THUNDERBOLT 4 (USB-C FEMALE)
SIDEA CONNECTORS5	SD (FEMALE)
SIDEB CONNECTORS5	THUNDERBOLT 4 (USB-C FEMALE)
TECHNOLOGY	DisplayPort HDMI Thunderbolt USB4
NETWORK COMPATIBILITY	10 Mbps 100 Mbps (Fast Ethernet) 1 Gbps (Gigabit) 2.5 Gbps
CHARGING PORTS	USB-A: 0.9A USB-A: 5V 1.5A (7.5W) USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
VIDEO PORTS DETAILS	Thunderbolt 4; HDCP 1.4; DisplayPort 1.4; HDCP 2.3
DATA TRANSFER RATE	10 Gbps 40 Gbps 5 Gbps
BANDWIDTH	40 Gbps
SUPPORTED RESOLUTION	3840x2160 (4K) 7680 x 4320 (8K)
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	100 - 240VAC, 50/60Hz, 2.5A MAX
AC POWER ADAPTER OUTPUT SPECS (V / A)	21.0VDC, 7.1A
AC POWER ADAPTER CORD LENGTH	3.28 ft
NUMBER OF PORTS	16
NUMBER OF USB HUB PORTS	6
TOTAL NUMBER OF PORTS	16
NUMBER OF MONITORS SUPPORTED	4
AUDIO PORTS DETAILS	DAC Supports 44.1/48/96/192KHz/384KHz sample rate, 24/32-Bit; Supports stereo audio or microphone input; Automatic detection switch to CTIA/OMTP mode
CARD SLOTS DETAILS	• SD 4.0 and TF 4.0 slots support SD 4.0

	data transfer speeds up to 312Mbps • Both slots can be used simultaneously
LED INDICATORS	Power LED: bright orange for power, blue for connection to host; RJ45 LED: orange light turns on when network connection is established, green light flashes when transmitting data
OPERATING TEMPERATURE RANGE	32° to 113°F (0° to 40°C)
STORAGE TEMPERATURE RANGE	14° to 158°F (-10° to 70°C)
MAX SUPPORTED VIDEO RESOLUTION	7680 X 4320 30HZ (8K)
POWER PROVIDED TO CONNECTED DEVICE(S)	Host Charging: 96W; Sum of 7 USB Hub Ports: 130W (Shared)
DATA PORTS DETAILS	USB-A - USB 3.2 Gen 1 (5 Gbps) USB-A - USB 3.2 Gen 2 (10 Gbps) USB-C - USB 3.2 Gen 2 (10 Gbps) USB-C - Thunderbolt 4 (40 Gbps)
NETWORK PORTS	RJ45 (FEMALE)
CARD SLOTS	MICRO SD (FEMALE) SD (FEMALE)
THUNDERBOLT SPECIFICATION	Thunderbolt 4 (up to 40Gbps)
VIDEO INPUT	THUNDERBOLT 4 (USB-C FEMALE)
VIDEO OUTPUT	DISPLAYPORT (FEMALE) HDMI (FEMALE) THUNDERBOLT 4 (USB-C FEMALE)
VIDEO PORTS	DISPLAYPORT (FEMALE) HDMI (FEMALE) THUNDERBOLT 4 (USB-C FEMALE)
USB POWER DELIVERY (PD) CHARGING SPECIFICATION	3
SD CARD SPECIFICATION	Micro SD SD
SIDEA CONNECTORS6	3.5MM (FEMALE)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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