ComX Computers
Product Specification Sheet

U521-1P0M-WH20G

Eaton Tripp Lite series USB4 20Gbps Cable (M/M) - USB-C

Product Overview

Eaton Tripp Lite series USB4 20Gbps Cable (M/M) - USB-C, 4K 60 Hz, 240W PD Charging, White, 2 m (6.6 ft.), Order on Request











Specifications

Overview:

USB4 20Gbps cable connects 2 devices with USB-C or Thunderbolt 3 ports, including 4K displays, laptops, smartphones, docks and PCs.

- Transfers video and data files at speeds up to 20 Gbps - 4x faster than USB 3.0
- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Connects a single 4K/60 Hz display with 24-bit True Color, HDR and 4:4:4
- PD Charging cable supports 240W power output for charging high-powered devices
- Backward compatible with USB 3.x, USB 2.0 and legacy Thunderbolt 3 devices

Features:

USB4 Cable Streams Video and Processes Data at 20 Gbps, 4x Faster Than USB 3.0

This USB4 20Gbps cable (M/M) transmits across two bidirectional lanes, supporting speeds up to 20 Gbps, which is four times faster than USB 3.0/3.1/3.2. Unlike previous USB generations, the USB4 20Gbps cable has the ability to allocate resources. Instead of splitting video and data equally between its two lanes, the U521-1P0M-WH20G allows the connected display as much bandwidth as it needs, while saving all remaining bandwidth for high-speed data transfers. This makes the cable perfectly suited for 4K video streaming and editing.

Supports DisplayPort Alternate Mode for Unidirectional 20 Gbps Video Connections

By connecting a 4K display to a host device that supports DisplayPort Alt Mode 1.4, this cable can use both high-speed lanes to transmit 4K video at 60 Hz in one direction at 20 Gbps maximum speed with 24-bit True Color, HDR and 4:4:4 chroma subsampling.

Backward Compatible with Legacy USB and Thunderbolt 3 Devices

Though both connected devices must support USB4 20Gbps for the cable to reach its full potential, the U521-1P0M-WH20G is backward compatible with USB 3.x, USB 2.0 and Thunderbolt 3 devices. It connects two USB-C devices, including MacBooks, Chromebooks, Windows laptops, Kindles, game consoles, smartphones, external storage devices, docking stations and wall chargers. It is compatible with all USB-C and Thunderbolt 3 devices, enabling use in existing installations while preparing for future upgrades.

PD Charging Cable Keeps the Connected Notebook, Laptop or Other Device at Capacity

The U521-1P0M-WH20G supports Power Delivery (PD) 3.1 charging of the connected PD Charging-compliant device. It carries power output up to 48V 5A (240W), which is sufficient for fast-charging and powering your MacBook or other mobile device, including the latest iPhone and other smartphones with a USB-C connector.

USB-IF Certification Ensures Rigorous Testing and Top-of-the-Line Performance

This cable meets the high standards of USB-IF (USB Implementers Forum, Inc.), a non-profit organization consisting of companies that developed the USB specification. Receiving USB-IF certification means the U521-1P0M-WH20G meets the industry's highest environmental, mechanical and electrical standards. It operates with your USB peripherals, adapters and cables with top efficiency and safety.

- Devices with USB-C or Thunderbolt 3 ports (USB4 20Gbps compatibility required to achieve USB4 20Gbps performance)
- DP 1.4 Alt Mode required for maximum video output capability (4K/60Hz)
- 240W PD Charging output is supported, but the actual charging performance of a connected device is dictated by the maximum power draw of the device itself

Package Includes

U521-1P0M-WH20G USB4 20Gbps Cable (M/M), White, 2 m (6.6 ft.)

Specifications:

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Specifications	
Product Code	U521-1P0M-WH20G
OVERVIEW	
UPC Code	37332281166
Device Compatibility	Amazon Kindle , Chromebook , Computer , Laptop , Monitor/HDTV , Phone , Tablet , Video Game System
Technology	USB4
Country/Region	Global
Cable Type	Active
VIDEO	
Resolutions Supported	The U521-1P0M-WH20G is compatible with USB3.x/USB4/Thunderbolt hosts that support at least DisplayPort Alt Mode 1.4, up to DP 2.1, and can output video in resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
Supported Resolutions	3840x2160 (4K)
Max Supported Video Resolution	3840 X 2160 @ 60HZ
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
Bandwidth	40 Gbps , 80 Gbps (DP 2.0 cable)
DisplayPort Alt Mode	Yes
DSC Support	Yes
INPUT	
Maximum Input Amps	5
Maximum Input Watts	240
POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.1
CONNECTIONS	
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	USB C (MALE)
Connector Plating	Nickel

Contact Plating	Gold
Connector Style	Straight
CHARGING	
Total Charging Amps	5
Total Charging Watts	240
Standards	PD 3.1
Compatible Devices	Chromebook , Laptop , Smartphone , Tablet , Video Game Console
PHYSICAL	
Color	White
Material of Construction	TPE
Cable Jacket Color	White
Connector Color	White
Cable Jacket Material	TPE
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	5.0MM
Cable Length (m)	2
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Weight (kg)	0.1
Unit Packaging Type	Polybag
ENVIRONMENTAL	
Operating Temperature Range	32 degrees to 113 degreesF (0 degrees to 45 degreesC)
Storage Temperature Range	14 degrees to 158 degreesF (-10 degrees to 70 degreesC)
Operating Humidity Range	10% to 85%, Non-Condensing
Storage Humidity Range	5% to 90%, Non-Condensing
Power Provided to Connected Device(s)	240W (48V/5A)
FEATURES & SPECIFICATIONS	
USB Specification	USB4 (up to 20 Gbps)
Data Transfer Rate	20 Gbps
Displayport Specification	1.4 , 2.1
STANDARDS & COMPLIANCE	
Product Certifications	UL 94
Product Compliance	CE (Europe) , FCC Part 15 Class B (USA) , RoHS , UKCA , WEEE

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/U521-1P0M-WH20G-Eaton-Tripp-Lite-series-USB4-20Gbps-Cable-M-M-USB-C-p-314727.php

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