

USB-C Adapter, Triple Display - 4K 60 Hz DisplayPort, 8K, HDR, 4:4:4, HDCP 2.2, DP 1.4 Alt Mode, Black

MODEL NUMBER: U444-3DP-MST



USB-C to DisplayPort adapter connects 3 DisplayPort 4K monitors to the USB-C or Thunderbolt port on your MacBook Pro or Windows laptop.

Features

USB-C to DisplayPort Adapter Connects 8K or 4K DisplayPort Monitors to Your USB-C Device

This USB adapter connects one 8K or three 4K DisplayPort monitors, projectors and/or televisions to the USB-C or Thunderbolt port on your MacBook Pro, Chromebook or Windows laptop. It's an ideal connector for creating video walls, giving video presentations in conference rooms and classrooms, editing documents or high-definition video on a larger screen, or streaming video for digital signage in crystal-clear 8K or 4K.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals

By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 8K/4K video and digital audio to DisplayPort monitors, televisions or projectors without installing special software drivers. **Note:** To achieve 8K/4K resolution, the source device should support DP 1.4 Alt Mode. When a monitor is connected to a DP 1.2 Alt Mode source, the corresponding resolution will be decreased due to bandwidth limitation.

DisplayPort SST and MST Modes Allow Connection of Multiple Displays

By connecting the USB-C adapter to a source that supports DisplayPort Single-Stream Transport (SST) or Multi-Stream Transport (MST) mode, you may connect up to three displays simultaneously. This allows you to show the same image on all monitors, extend your host desktop across all with different windows open on each, or combine all into one large display as a video wall, depending on your operating system.

Enjoy the Clarity of 8K/4K Video on Up to 3 Displays with Windows and macOS Systems

When connected to a Windows source device, this USB to DisplayPort adapter supports connection of one 8K/30 Hz monitor, two 4K/60 Hz monitors or one 4K/60 Hz monitor + two 4K/30 Hz monitors. When used with a macOS source, the U444-3DP-MST allows one 8K/30 Hz connection or up to three 4K/60 Hz connections.

Enjoy Enhanced Picture and Sound with HDR and 4:4:4 Color

The adapter supports 48-bit Deep Color and 7.1-channel surround sound. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This adapter also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The adapter requires no software or external power. Just connect the USB-C cable to the USB-C or Thunderbolt port on a source device that supports USB DisplayPort Alternate Mode, and connect the DisplayPort outputs to your displays with user-provided cables (such as Tripp Lite's P580-Series cables).

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Displays 4K video on 3 monitors simultaneously for multitasking and increasing productivity
- Displays 8K video on one connected monitors for brilliant digital signage and presentations
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with USB-C or Thunderbolt port that supports USB DisplayPort Alternate Mode (DP 1.4 Alt Mode required for some features)
- Display device(s) with DisplayPort input
- Multi-Stream Transport (MST) required to achieve extended dual or triple displays; typically, Windows systems support MST
- Single-Stream Transport (SST) required to achieve mirrored dual or triple displays; typically, Mac systems support SST

Package Includes

- U444-3DP-MST USB-C Adapter, Triple Display, Black
- Quick start guide

Specifications

OVERVIEW	
UPC Code	037332263803
Product Type	USB-C to DisplayPort Multi-Port Adapter
Device Compatibility	Chromebook; Laptop; Monitor/HDTV; Projector
Technology	DisplayPort; USB 3.x
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	DISPLAYPORT (FEMALE)
Number of Monitors Supported	3
Video Ports	(3) DISPLAYPORT (FEMALE)
Video Ports Details	HDCP 1.4; HDCP 2.2; DisplayPort 1.4
Resolutions Supported	When used with a DP 1.4 host device with Windows OS, the product supports maximum 8K (7680 x 4320) @ 30 Hz output to a single port, triple 4K (3840 x 2160) with x1 4K/60 Hz and x2 4K/30 Hz maximum, or single/dual 4K/60 Hz. When used with a DP 1.4 host device with Mac OS, the product supports maximum 8K (7680 x 4320) @ 30 Hz output to a single port, triple 4K (3840 x 2160) with x3 4K/60 Hz, or single/dual 4K/60 Hz. When used with a DP 1.2a host device the product supports dual output 4K (3840 x 2160) @ 30 Hz maximum
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	7860 x 4320 (8K) @ 30Hz
Recommended Cabling	P580 Series DisplayPort cables
Extended Mode	Yes
Extended Mode Details	Supports x3 DisplayPort outputs: When used with a Windows OS host, supports triple 4K (x1 4K/60 Hz and x2 4K/30 Hz) with different video output per monitor under MST Mode. When used with a Mac OS host, supports triple 4K output (x3 4K/60 Hz) with mirrored image only under SST Mode*. To achieve the above resolutions host must support DP 1.4 Alt Mode. If using a DP 1.2 host the resolutions will be decreased due to limited bandwidth.
Mirror Mode	Yes
Mirror Mode Details	Supports x3 DisplayPort outputs: When used with a Windows OS host, supports triple 4K (x1 4K/60 Hz and x2 4K/30 Hz) with different video output per monitor under MST Mode. When used with a Mac OS host, supports triple 4K output (x3 4K/60 Hz) with mirrored image only under SST Mode*. To achieve the above resolutions host must support DP 1.4 Alt Mode. If using a DP 1.2 host the resolutions will be decreased due to limited bandwidth.
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
AUDIO	

Audio Ports	(3) DISPLAYPORT (FEMALE)
Audio Ports Details	Supports pass-through audio function via DisplayPort outputs. Can select one audio source at a time.
Audio Input	USB-C
Audio Output	Displayport
Audio Specification	7.1 Channel Surround Sound
INPUT	
Built-In Cable Length (ft.)	0.56
Built-In Cable Length (m)	0.17
Built-In Cable Length (in.)	6.69
Built-In Cable Length (cm)	17
Bus Powered	Yes
POWER	
USB Power Delivery (PD) Charging Support	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	N/A
PHYSICAL	
Color	Black
Material of Construction	PC, ABS, TPE
Cable Jacket Color	Black
Cable Jacket Material	TPE
Cable Outer Diameter (OD)	4.3 mm
Wire Gauge (AWG)	24 + 32 + 34
Number of Displays	3
Shipping Dimensions (hwd / in.)	0.79 x 4.72 x 3.94
Shipping Weight (lbs.)	0.14
Unit Dimensions (hwd / in.)	0.450 x 1.420 x 3.420
Unit Dimensions (hwd / cm)	1.15 x 3.6 x 8.69
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)

Storage Temperature Range	14° to 158°F (-10° to 70°C)
Operating Humidity Range	10% to 85% RH, Non Condensing
Storage Humidity Range	5% to 90% RH, Non Condensing
CONNECTIONS	
Number of Ports	3
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	(3) DISPLAYPORT (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
MST Support	Yes
Multi-Resolution Support	Yes
Displayport Specification	1.4
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
Product Certifications	EN 55032; EN 55035; IEC/EN 63000
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty