Dual-Monitor Thunderbolt 3 to DisplayPort Adapter - 4K/5K @ 60 Hz, M/2xF, 4:4:4, Silver

MODEL NUMBER: **MTB3-002-DP**







Connects your MacBook, notebook or PC's Thunderbolt™ 3 port to two 4K DisplayPort monitors or one 5K DisplayPort monitor.

Features

Thunderbolt 3 Adapter Transmits 4K x 2K Video to 2 DisplayPort Monitors at the Same Time This dual-monitor Thunderbolt™ 3 to DisplayPort Adapter (M/2xF) connects the Thunderbolt 3 port on your computer, tablet, laptop, notebook or MacBook to two 4K DisplayPort monitors simultaneously. Or, if you need even more resolution, it also transmits a 5K audio/video signal to a single DisplayPort monitor.

An Ideal Tool for Video Editing or Multitasking at Home or the Office With this Thunderbolt 3 adapter's high bandwidth of 40 Gbps, you can more efficiently run applications that demand heavy resources. For instance, editing 4K video is easier with one monitor used for raw video playback and the other displaying your fresh cut. Home/office multitasking is more efficient with two monitors placed side by side on your workstation. And your video presentation or digital signage looks vivid and enticing in stunning 4K.

Enjoy the Clarity of 4K Video with Audio and 4:4:4 Color This 4K dual-monitor DisplayPort adapter supports Ultra HD video resolutions up to 4K x 2K (3840 x 2160) at 60 Hz for crystal-clear picture and sound on two DisplayPort monitors. Or you can connect to one 5K monitor at video resolutions up to 5K x 2K (5120 x 2880) at 60 Hz for an even sharper image. The MTB3-002-DP is compatible with HDCP 2.2 and DisplayPort 1.4 standards for carrying HDR (high dynamic range) signals. It also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor, as well as 48-bit Deep Color (16 bits per channel). Because the adapter supports both video and audio, no additional cabling is needed for sound.

Reversible Thunderbolt 3 Connector Attaches in Either Direction Unlike traditional USB cables that connect in only one direction, the reversible male connector plugs into a Thunderbolt 3 port in either direction for a fumble-free connection every time. Thunderbolt 3 is eight times faster than USB 3.0 with four times the video bandwidth of HDMI. ***Note****: if connected to a USB-C port, this adapter will not provide video output. It works only if connected to a Thunderbolt 3 port.*

Ready to Use Right from the Package, So You Can Plug and Play Immediately The plug-and-play adapter requires no software or external power. Just connect the built-in cable to the Thunderbolt 3 port on your source device, and use DisplayPort cables to connect the adapter to your display(s). Because the adapter is backward compatible with non-4K displays, you can use it with 1080p monitors or other available displays, making it a convenient tool to carry in your laptop bag or backpack for use anywhere.

Highlights

- Supports dual DisplayPort monitors at 4K resolutions of 3840 x 2160 @ 60 Hz
- Supports a single DisplayPort monitor at 5K resolutions of 5120 x 2880 @ 60 Hz
- Reversible Thunderbolt 3 plug connects in either direction for instant no-fuss use
- Plug-and-play operation with no software required for easy, immediate installation
- Works with Mac and Windows computers and laptops with Thunderbolt 3 output

Applications

- Watch 4K video content from a notebook or media server on two Ultra HD televisions or projectors
- Connect a MacBook to a conference table's A/V box to give a video presentation on one 5K or two 4K screens
- Attach two 4K monitors to your PC to allow easier multitasking or more convenient video editing
- Play online or PC video games that display optimal graphics
- Send Ultra HD content to digital signs or point-of-sale displays
- Connect security cameras and other A/V surveillance equipment to a central 5K display

System Requirements

- Source device with Thunderbolt 3 port
- Display device(s) with DisplayPort input (DisplayPort 1.2 required to achieve 4K @ 60 Hz)
- Supports Windows 8, 8.1 and 10; MacOS up to 10.12

Package Includes

- MTB3-002-DP Thunderbolt 3 to Dual DisplayPort Adapter - 4K/5K @ 60 Hz, M/2xF, Silver
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332222008
Technology	DisplayPort; Thunderbolt
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60Hz (Dual Displays); 5120 × 2880 (5K x 2K) @ 60Hz (Single Display)
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:2; 4:4:4
INPUT	
Built-In Cable Length (ft.)	0.39
Built-In Cable Length (in.)	4.72
Built-In Cable Length (cm)	12
Bus Powered	Yes
CONNECTIONS	
Side A - Connector 1	THUNDERBOLT 3 (Type-C MALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 2	DISPLAYPORT (FEMALE)
Connector Plating	Nickel
PHYSICAL	
Color	Silver
Cable Jacket Material	TPE
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	5.0 mm
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 90% RH (No Condensation)
Storage Humidity Range	10% to 90% RH (No Condensation)
FEATURES & SPECIFICATIONS	

USB Specification	USB 3.1 Gen 1 (up to 5 Gbps)
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables)
Displayport Specification	1.4
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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