

# Dual-Monitor Thunderbolt 3 to HDMI Adapter (M/2xF) - 4K 60 Hz, 4:4:4, Silver

MODEL NUMBER: MTB3-002-HD



Connects your MacBook, laptop or PC's Thunderbolt 3 port to 2 HDMI monitors for multitasking, video editing or digital signage.

## Features

### Thunderbolt Adapter Transmits Ultra HD 4K Video to 2 HDMI Monitors at the Same Time

This dual-monitor video adapter (M/2xF) connects the Thunderbolt 3 port on your computer, tablet, laptop, notebook or MacBook to two HDMI monitors simultaneously and delivers 4K video to both.

### 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 HDMI adapter supports Ultra HD 4K video resolutions up to 3840 x 2160 at 60 Hz for crystal-clear picture and sound on two monitors simultaneously. The MTB3-002-HD is compatible with HDCP 2.2 content protection, 3D video and EDID. It also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor, as well as 36-bit Deep Color (12 bits per channel).

### Built-In 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:** This adapter only provides audio/video output when connected to a Thunderbolt 3 port. It will not function if connected to a USB-C 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 HDMI cables (sold separately) 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. Multi-resolution support ensures both connected displays will work at their highest resolution.

## Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Plug-and-play operation with no software required for easy, immediate installation
- Supports 36-bit Deep Color, 3D and HDCP specifications up to HDCP 2.2
- Reversible Thunderbolt 3 plug connects in either direction for instant no-fuss use
- Compatible with Windows 10, macOS 10.12 and lower versions

## Applications

- Connect a MacBook to a conference table's A/V box to give a video presentation on one 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 display

## System Requirements

- Source device with Thunderbolt 3 output
- Display device(s) with HDMI input
- Compatible with Windows 10, macOS 10.12 and lower versions

## Package Includes

- MTB3-002-HD Dual-Monitor Thunderbolt 3 to HDMI Adapter
- Quick Start Guide

# Specifications



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OVERVIEW	
UPC Code	037332254832
Product Type	Video Adapter
Technology	HDMI; Thunderbolt
Host Connector	THUNDERBOLT 3 (Type-C MALE)
VIDEO	
Video Input	THUNDERBOLT 3 (Type-C MALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	(2) HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 1.4; HDCP 2.2
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz
Extended Mode	Yes
Mirror Mode	Yes
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:2:2; 4:4:4
INPUT	
Built-In Cable Length (in.)	10.24
Built-In Cable Length (cm)	26
Bus Powered	Yes
CONNECTIONS	
Side A - Connector 1	THUNDERBOLT 3 (Type-C MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
Connector Plating	Nickel
PHYSICAL	
Color	Gray
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.8 mm



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ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	14° to 113°F (-10° to 45°C)
Operating Humidity Range	10% to 90% RH (No Condensation)
Storage Humidity Range	10% to 90% RH (No Condensation)
COMMUNICATIONS	
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	No
FEATURES & SPECIFICATIONS	
USB Hub Ports	No
Number of USB Hub Ports	0
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
MST Support	No
Multi-Resolution Support	Yes
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables)
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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