

USB-C to HDMI Adapter (M/F) - 8K 60 Hz, HDR, 4:4:4, HDCP 2.3, White

MODEL NUMBER: U444-06N-HD8K6W



USB-C to HDMI cable connects an 8K HDMI display to your MacBook Pro, Windows laptop or tablet's USB-C or Thunderbolt port.

Features

USB-C to HDMI Converter Connects a USB-C or Thunderbolt Port to an 8K Monitor

This USB Type-C to HDMI adapter (M/F) connects to an 8K-capable HDMI cable to add an HDMI monitor, projector or television to the USB-C, Thunderbolt 3 or Thunderbolt 4 port on your MacBook Pro or Windows laptop. It's an ideal connector for Ultra HD video applications, including editing professional video or digital artwork, upgrading your trade show or conference presentations, playing online games or watching movies on a larger 8K screen.

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

By connecting the USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 8K video and digital audio to an HDMI monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 8K Video with HDR and 4:4:4 Color

The U444-06N-HD8K6W supports 8K video resolutions up to 7680 x 4320 at 60 Hz, as well as HDR video, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 8K display. HDCP 2.3 compliance allows you to stream 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 plug-and-play USB Type-C to HDMI adapter requires no software or external power. Just connect the USB-C plug to the USB-C, Thunderbolt 3 or Thunderbolt 4 port on a source device that supports USB DisplayPort Alternate Mode, and connect the HDMI port to your 8K display using an 8K-capable HDMI cable (sold separately). This adapter is backward compatible with 1080p and 4K displays, allowing you to use it with older equipment.

Specifications

OVERVIEW

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz for heightened video quality
- Converts audio/video signals from sources supporting USB DisplayPort Alt Mode
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.3 standards to display up-to-date 8K video content
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with USB-C, Thunderbolt 3 or Thunderbolt 4 port that supports USB DisplayPort Alternate Mode
- Display device with HDMI input
- HDMI cable (M/M) that supports 8K 60 Hz resolutions
- All connected devices and cables must support 8K to achieve 8K resolutions

Package Includes

- U444-06N-HD8K6W USB-C to HDMI 8K Adapter - M/F, White
- Quick Start Guide

UPC Code	037332272638
Product Type	Multiport Adapter
Technology	HDMI; Thunderbolt; USB 3.x
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 2.0; DisplayPort 1.4; HDCP 2.3
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 5120x2880 (5K); 7680x4320 (8K)
Max Supported Video Resolution	8K @ 60 Hz (7680 x 4320)
Extended Mode	Yes
Extended Mode Details	Extend a desktop to a connected HDMI monitor at resolutions up to 7680 X 4320 @ 60 Hz
Mirror Mode	Yes
Mirror Mode Details	Mirror the image from the host computer to a connected display at resolutions up to 7680 X 4320 @ 60 Hz.
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Ports	HDMI (FEMALE)
Audio Ports Details	Supports 1 to 32 channels LPCM 192kHz audio output Supports HBR audio up to 1536kHz
Audio Specification	Supports 1 to 32 channels LPCM 192kHz audio output and HBR audio up to 1536kHz
INPUT	
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	No

PHYSICAL	
Color	White
Material of Construction	ABS + PVC
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	3.9MM
Wire Gauge (AWG)	34/28
Cable Length (ft.)	0.393
Cable Length (m)	0.12
Cable Length (in.)	4.72
Shipping Dimensions (hwd / in.)	0.80 x 4.70 x 3.90
Shipping Weight (lbs.)	0.07
Unit Dimensions (hwd / in.)	0.600 x 1.460 x 1.650
Unit Dimensions (hwd / cm)	1.55 x 3.7 x 4.19
Unit Dimensions (hwd / mm)	15.5 x 37 x 41.9
Unit Packaging Type	Box
Unit Weight (lbs.)	0.070
Unit Weight (kg)	0.03
ENVIRONMENTAL	
Operating Temperature Range	0 to 45C (32 to 113F)
Storage Temperature Range	-10 to 70C (14 to 158F)
Relative Humidity	10% to 90% RH
COMMUNICATIONS	
EDID Compatible	Yes
CONNECTIONS	
Number of Ports	1
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Nickel
FEATURES & SPECIFICATIONS	
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)

MST Support	Yes
Multi-Resolution Support	Yes
UASP Support	No
Auto MDIX Support	No
Full Duplex Support	No
Suspend Mode Support	No
Remote Wakeup Support	No
Displayport Specification	1.2; 1.4
HDCP Specification	2.3
Driver Required	No
Pixel Size	RGB/YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0
STANDARDS & COMPLIANCE	
Product Certifications	EN 55024; EN 55032
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty