3.3ft (1m) DisplayPort to HDMI Adapter Cable, 4K 60Hz with HDR, DP to HDMI 2.0b, Active Video Converter, DisplayPort Desktop to HDMI Monitor

Product ID: 1M-MDP-HDMI2-4K60



Connect a DisplayPort-enabled desktop to 4K 60Hz High Dynamic Range (HDR)-capable HDMI monitor, using this 3.3-foot (1-meter) Active DisplayPort to HDMI Adapter Cable.

HDR improves visual quality by providing a wide assortment of colors across a dynamic range of brightnesses, resulting in a more vibrant viewing experience. The DP 1.4 to HDMI 2.0b adapter supports 18Gbps bandwidth, allowing for 4:4:4/RGB color space, 8-bit with dithering, and 7.1ch audio. It also supports HBR3 and HDCP 1.4/2.3.

The Universal Adapter Cable is compatible with all hardware platforms and any operating system. Utilize integrated or dedicated GPU (Intel/AMD/Nvidia) capabilities, enabling high-performance graphics with minimal CPU usage.

Integrated video adapter cable reduces points of failure, signal loss and clutter, and requires no additional power. Built with adaptive receiver equalization to optimize the input signal and amplify the output signal, to ensure display compatibility. Cage shielding prevents Electromagnetic Interference (EMI) and helps maintain signal integrity. This Active Adapter Cable works with computers from Dell, HP, Lenovo, and other desktop manufacturers. It is backward compatible with 4K 30Hz, 1080p, and other lower resolutions.

Certifications, Reports and Compatibility





Applications

• Connect a DisplayPort-enabled computer to an HDR-capable HDMI display

• Integrated video adapter and cable simplifies cable management and reduces clutter

• Ideal for creative professionals who work with high-resolution graphics and video

Features

• Connect an Ultra High-Resolution 8K Display: Output 8K 60Hz or 4K 144Hz video directly through a USB-C DP Alt Mode port to HDMI displays; Ideal for high-resolution editing, 3D rendering, CAD design, digital signage, and boardroom setups

• No Drivers or Software Required: Plug-and-play installation lets you connect a primary or secondary display in extended or mirror mode while utilizing the laptops GPU for higher video performance; Supports USB-C, USB4, and Thunderbolt laptops and devices

• Universal Device Compatibility: HDMI converter supports Dell, HP, Lenovo, Microsoft, and other major laptops; Delivers 8K 60Hz on Pro, Max, and Ultra versions of Apple M1, M2, and M3 chips, as well as all M4 models; Base M1, M2, and M3 output up to 4K 60Hz

• HDMI 2.1 Support with Enhanced Audio/Video: Supports HDCP 2.3, HDR10+, and 7.1-channel audio; 7.9in (20cm) cable is compact and easy to carry while the cable resists wear, bends, and frequent handling

• The IT Pro's Choice: Our video adapters are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability and durability; Built to support large-scale deployments, Windows 11 upgrades, and the shift to AI-enabled PCs

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
AV Input	DisplayPort
AV Output	HDMI
Audio	Yes
Connector Plating	Gold
Cable Jacket Material	PVC - Polyvinyl Chloride
Chipset ID	Synaptics - VMR7100
	Parade PS176

Performance

	Video Revision	DisplayPort 1.4
		HDMI 2.0b
		HDMI 2.0
	Maximum Digital Resolutions	4K 60Hz
	Supported Resolutions	Color Space: HDR, Bit Depth: 8-bit w/dithering
		4096 x 2160 @ 60hz
		3840 x 2160 @ 60hz
		3200 x 1800 @ 60hz
		3072 x 1728 @ 60hz
		2560 x 1440 @ 120hz
		Color Space: HDR, Bit Depth: 10-bit
		2560 x 1440 @ 60hz
		2048 x 1536 @ 60hz
		1920 x 1200 @ 120hz
		1920 x 1200 @ 60hz
		Other lower resolutions may be supported
	Wide Screen Supported	Yes
	Bandwidth	18Gbps
	Audio Specifications	HDMI - 7.1 Channel Audio
	General Specifications	Outside Cable Diameter: 5.0mm
Connector(s)		
	Input Connector(s)	1 - DisplayPort
		1 - Mini DisplayPort
	Output Connectors	1 - HDMI
Software		
	OS Compatibility	No Drivers or Software Required

Special Notes / Requirements		
	System and Cable Requirements	To achieve maximum performance, both the source and destination devices must support the appropriate specifications.
	Note	The DisplayPort to HDMI Adapter Cable is a unidirectional cable that allows the transfer of video signals from a DisplayPort-enabled device to a HDMI-enabled display.
Power		
	Power Source	Bus Powered
Environmental		
	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10% ~ 90% RH
Physical Characteristics		
	Color	Black
	Material	PVC
	Cable Length	3.3 ft [1 m]
	Product Length	6.1 ft [1.9 m]
	Product Width	0.9 in [2.2 cm]
	Product Height	0.5 in [1.2 cm]
	Weight of Product	3.1 oz [89 g]
Packaging Information		
	Package Length	5.0 in [12.8 cm]
	Package Width	7.9 in [20.0 cm]
	Package Height	0.6 in [1.5 cm]
	Shipping (Package) Weight	1.6 oz [46.0 g]
What's in the Box		
	Included in Package	1 - Mini DisplayPort to HDMI Cable

Product appearance and specifications are subject to change without notice.