

6.6ft (2m) DisplayPort to HDMI Adapter Cable, 4K 60Hz with HDR, DP to HDMI 2.0b, Active Video Converter, DisplayPort Desktop to HDMI Monitor

**Product ID:** 6F-DP-HDMI-4K60-HDR



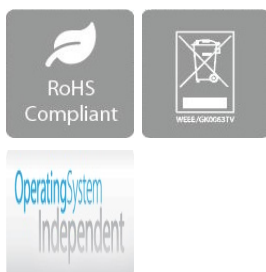
Connect a DisplayPort-enabled desktop to 4K 60Hz High Dynamic Range (HDR)-capable HDMI monitor, using this 6.6-foot (2-meter) Active DisplayPort to HDMI Adapter Cable.

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

- **HIGH-PERFORMANCE:** 6.6-foot (2-meter) DisplayPort to HDMI Adapter Cable connects a DisplayPort-enabled desktop to an HDR-capable 4K 60Hz HDMI display; HBR3 18Gbps bandwidth; Supports 4:4:4/RGB color space, 8-bit w/dithering, 7.1ch audio, and HDCP 1.4/2.3
- **HDR ADAPTER CABLE:** HDR improves visual quality by providing a wider range of brightness level and colors, resulting in a dynamic viewing experience; Integrated video adapter cable reduces potential points of failure, signal loss, and clutter
- **NO DRIVERS OR SOFTWARE:** 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
- **BUILD QUALITY & DESIGN:** Built with adaptive receiver equalization to optimize input signal and amplify output signal to ensure display compatibility; Cage shielding prevents Electro-Magnetic Interference (EMI) and helps maintain signal integrity
- **HOST COMPATIBILITY:** Active Adapter Cable works with computers from Dell, HP, Lenovo, and other desktop manufacturers; Backward compatible with 4K 30Hz, 1080p, and other lower resolutions; Latching DisplayPort ensures reliable connection to the computer

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### 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      |

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### Performance

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|----------------|-----------------|
| Video Revision | DisplayPort 1.4 |
|----------------|-----------------|

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|                                     | HDMI 2.0b                                                                                                                                                                                                                                                                                                                                                |
| Maximum Digital Resolutions         | 4K 60Hz                                                                                                                                                                                                                                                                                                                                                  |
| Supported Resolutions               | Color Space: HDR, Bit Depth: 8-bit w/dithering<br>4096 x 2160 @ 60hz<br>3840 x 2160 @ 60hz<br>3200 x 1800 @ 60hz<br>3072 x 1728 @ 60hz<br>2560 x 1440 @ 120hz<br><br>Color Space: HDR, Bit Depth: 10-bit<br>2560 x 1440 @ 60hz<br>2048 x 1536 @ 60hz<br>1920 x 1200 @ 120hz<br>1920 x 1200 @ 60hz<br><br><i>Other lower resolutions may be supported</i> |
| Wide Screen Supported               | Yes                                                                                                                                                                                                                                                                                                                                                      |
| Bandwidth                           | 18Gbps                                                                                                                                                                                                                                                                                                                                                   |
| Audio Specifications                | HDMI - 7.1 Channel Audio                                                                                                                                                                                                                                                                                                                                 |
| General Specifications              | Outside Cable Diameter: 5.0mm                                                                                                                                                                                                                                                                                                                            |
| <hr/>                               |                                                                                                                                                                                                                                                                                                                                                          |
| <b>Connector(s)</b>                 |                                                                                                                                                                                                                                                                                                                                                          |
| Input Connector(s)                  | 1 - DisplayPort                                                                                                                                                                                                                                                                                                                                          |
| Output Connectors                   | 1 - HDMI                                                                                                                                                                                                                                                                                                                                                 |
| <hr/>                               |                                                                                                                                                                                                                                                                                                                                                          |
| <b>Software</b>                     |                                                                                                                                                                                                                                                                                                                                                          |
| OS Compatibility                    | No Drivers or Software Required                                                                                                                                                                                                                                                                                                                          |
| <hr/>                               |                                                                                                                                                                                                                                                                                                                                                          |
| <b>Special Notes / Requirements</b> |                                                                                                                                                                                                                                                                                                                                                          |
| 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. |
| <b>Power</b>                    |                           |                                                                                                                                                                        |
|                                 | Power Source              | Bus Powered                                                                                                                                                            |
| <b>Environmental</b>            |                           |                                                                                                                                                                        |
|                                 | Operating Temperature     | 0C to 40C (32F to 104F)                                                                                                                                                |
|                                 | Storage Temperature       | -10C to 70C (14F to 158F)                                                                                                                                              |
|                                 | Humidity                  | 10% ~ 90% RH                                                                                                                                                           |
| <b>Physical Characteristics</b> |                           |                                                                                                                                                                        |
|                                 | Color                     | Black                                                                                                                                                                  |
|                                 | Material                  | PVC                                                                                                                                                                    |
|                                 | Cable Length              | 6.6 ft [2 m]                                                                                                                                                           |
|                                 | Product Length            | 6.6 ft [2.0 m]                                                                                                                                                         |
|                                 | Product Width             | 0.9 in [2.2 cm]                                                                                                                                                        |
|                                 | Product Height            | 0.5 in [1.3 cm]                                                                                                                                                        |
|                                 | Weight of Product         | 2.9 oz [82.0 g]                                                                                                                                                        |
| <b>Packaging Information</b>    |                           |                                                                                                                                                                        |
|                                 | Package Length            | 7.9 in [20.0 cm]                                                                                                                                                       |
|                                 | Package Width             | 6.7 in [17.0 cm]                                                                                                                                                       |
|                                 | Package Height            | 0.4 in [1.0 cm]                                                                                                                                                        |
|                                 | Shipping (Package) Weight | 3.0 oz [85.0 g]                                                                                                                                                        |
| <b>What's in the Box</b>        |                           |                                                                                                                                                                        |
|                                 | Included in Package       | 1 - DisplayPort to HDMI Cable                                                                                                                                          |

*\*Product appearance and specifications are subject to change without notice.*