

DISPLAYPORT TO HDMI CABLES - ACTIVE

DisplayPort to HDMI cables actively convert a DisplayPort source signal into a HDMI format, allowing you to connect your DisplayPort tablet, laptop or computer to a HDMI monitor, screen or TV and enjoy 4K video resolutions (up to 4k x 2k @ 30Hz).

These “active” cables can be used with both standard DisplayPort and Dual-Mode DisplayPort sources, unlike passive cables which rely on the Dual-Mode DisplayPort source to perform the signal conversion to HDMI when running multiple screens.

Each graphics card manufacturer can be different, while 1 card might require an active cable or adaptor to support 3 screens, another card may not.

For example, your graphics card may have 1x HDMI port, 1x DVI port and 1x DisplayPort port and you need to connect to 1x HDMI monitor and 2x DVI monitors. With this setup an active cable or active adaptor is required to connect a DVI or HDMI screen to the DisplayPort port when both the HDMI and DVI ports of the graphics card are also in use.

Features

- Actively convert from DisplayPort source to HDMI monitor
- Supports resolutions up to 4K x 2K @ 30 Hz
- Deep colour and 3D mode support (up to 1080P)
- Supports High-Bandwidth Digital Content Protection

Technical

Feature	Description
Input Connector	DisplayPort
Input Signal	DisplayPort 1.2
Output Connector	HDMI Female Type A (19 Pin)
Output Signal	HDMI 1.4b
Max Resolution	4K x 2K @ 30Hz
3D	Yes Supported (720P @ 60 Hz, 1080i @ 60 Hz, 1080P @ 60 Hz)
Deep Colour	10/12-bit deep colour 1080P up to 2.25Gbps
Colour Format	RGB 6/8/10/12 bit, YCbCr4:4:4, YCbCr4:2:2
HDCP Content Protection	Yes Supported
Audio	8 channel LPCM, compressed (AC-3, DTS) and HBR Up to 192 kHz sample rate per channel Up to 24 bits sample size
Max Data Rate	9.0 Gbps (3.0 Gbps per channel)
No External Power Required	Powered from DisplayPort source



Ordering Information

Feature	Description
HMDPAHDMI1	1 Metre
HMDPAHDMI1.8	1.8 Metres