



Axagon RVC-HI8KPD, USB-C - > HDMI 2.1 adapter, 8K/60Hz, 4K/144Hz, HDR10+, PD100W



Model: RVC-HI8KPD

Manufacturer: AXAGON

EAN: 8595247908773

Product Code: 408360

R1,146 ~~R1,215~~

USB-C-> HDMI active adapter AXAGON RVC-HI8KPD for connecting an HDMI monitor /TV/projector to a notebook, tablet or mobile phone using USB-C connector. This adapter allows you to easily use your existing HDMI cable to connect devices such as an Apple MacBook Air or Pro.

This compact hardware converter requires no installation and delivers excellent image quality up to 8K/60 Hz Ultra HD resolution. 8K resolution support lets you enjoy videos in stunning quality, while high HDMI refresh rates ensure a top-notch experience when watching movies, videos, or playing games. Popular resolutions such as 4K/144 Hz Ultra HD, 2K/240 Hz Quad HD, or 1080p/240 Hz Full

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HD are also supported. Thanks to HDR (High Dynamic Range) support, you can enjoy a wide range of colours and contrast without any compromises.

A unique feature of this video adapter is the USB-C PD connector, designed exclusively for charging phones and laptops using Power Delivery 3.0 technology with up to 100 W of power. Simply connect a compatible USB-C charger with Power Delivery support and link the video adapter to your laptop. This not only ensures charging but also frees up one USB-C port on your laptop for other uses.

The Plug and Play technology make it ideal not only for professionals but also for home users who want to easily and efficiently expand their multimedia setup.

Enjoy a home cinema experience with up to 8K resolution or use the adapter for conferences and presentations. It's perfect for schools and interactive spaces where computers are frequently connected to HDMI devices. Graphic designers and video creators will appreciate the detailed display. The adapter is compatible with monitors from brands like Dell, HP, Lenovo, ASUS, Samsung, LG, Sony, MSI, and more, ensuring its versatility and reliability.

With HDCP 2.3 support, you can enjoy your favourite streaming services in 8K / 4K resolution without limitations, including Netflix, Disney+, HBO Max, Amazon Prime, and Apple TV+. It also supports lossless audio transmission, best enjoyed on modern TVs. HDCP support must be enabled on all connected devices as well as by the streaming service itself.

The adapter is made from high-quality materials, ensuring great reliability. The cable and connectors are protected against bending, which extends their lifespan. The adapter features a 16 cm flexible silicone cable, which offers greater flexibility, durability, and more comfortable handling compared to standard cables.

A USB-C port with DisplayPort Alternate Mode (DP Alt Mode) support or a device with Thunderbolt 3/4 port is required for the adapter to function properly. The adapter is only oneway, i.e. USB-C to HDMI, not otherwise.

Input (connection to computer or mobile device):

- USB-C with DisplayPort Alternate Mode or Thunderbolt 3/4/5 support.
- **USB type C (M) male connector.**

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Input (power supply):

- USB Power Delivery 3.0 100W, USB-C female connector.
- Powering a laptop from a wall adapter via the USB-C connector on the video adapter.
- Power Delivery support is required by both the laptop (tablet, phone) and the wall charger.

Output (connection to monitor / TV / projector):

- HDMI v2.1
- HDMI (F) female connector

The most widely supported resolutions:

- 4K/144, 60, 30 Hz Ultra HD
- 2K/240, 144, 120, 100, 60 Hz Quad HD
- 1080p/240, 144, 120, 100, 75, 60 Hz Full HD

Other supported resolutions:

The resolution and frequency are determined by the monitor and graphics card used, as well as the cable.

- max. 7680 x 4320 (16:9) @60Hz UHD 8K
- 4096 x 2160 (17:9) @144Hz DCI 4K
- 3840 x 2160 (16:9) @144Hz UHD-1 4K (UHDTV)
- 3840 x 1600 (21:9) UW 4K (Ultrawide 1600p)
- 3840 x 1200 (32:10) 4K (Super ultrawide 1200p)
- 3840 x 1080 (32:9) 4K (Super ultrawide 1080p)
- 3440 x 1440 (21:9) UWQHD (Ultrawide 1440p)
- 2560 x 2048 (5:4) QSXGA
- 2560 x 1920 (4:3)
- 2560 x 1600 (16:10) WQXGA
- 2560 x 1440 (16:9) @240Hz QHD
- 2560 x 1080 (21:9) UWFHD (Ultrawide 1080p)
- 2048 x 1536 (4:3) QXGA
- 2048 x 1152 (16:9) QWXGA
- 1920 x 1440 (4:3)
- 1920 x 1200 (16:10) WUXGA

- **1920 x 1080 (16:9) @240Hz Full HD/1080p**

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- 1856 x 1392 (4:3)
- 1792 x 1344 (4:3)
- 1680 x 1050 (16:10) WSXGA+
- 1600 x 1200 (4:3) UXGA
- 1600 x 900 (16:9) HD+
- 1536 x 864 (16:9)
- 1440 x 900 (16:10) WXGA+
- 1400 x 1050 (4:3) SXGA+
- 1366 x 768 (16:9) HD
- 1360 x 768 (16:9) HD
- 1280 x 1024 (5:4) SXGA
- 1280 x 960 (4:3) SXGA-
- 1280 x 800 (16:10) WXGA
- 1280 x 768 (5:3) WXGA
- 1280 x 720 (16:9) HD/WXGA/720p
- 1280 x 600
- 1152 x 864 (4:3) XGA+
- 1024 x 768 (4:3) XGA
- 800 x 600 (4:3) SVGA

Other features:

- Supports lossless transmission of up to 8-channel audio – 192kHz at 24-bit.
- Supports DDC (Display Data Channel) – intelligent adjustment of resolution, frequency, and other parameters based on the source graphics chip.
- Supported modes: mirroring the desktop (default setting), extension of the primary monitor area.
- Supports HDR10, HDR10+ (High Dynamic Range, 10-bit support) – realistic reproduction of bright and dark details.
- HPD (Hot-Plug-Detect) support - communication sequence controlling the connection/disconnection of the device while running,
- TMDS (Transition Minimized Differential Signalling) support.
- HDCP 2.3 (8K, 4K, QHD, FullHD) support - backwards compatible with HDCP 2.2. and 1.4.
- Support of power saving modes with spinning down controlled by a source device (PC) and a viewing device (monitor/TV).
- **Power supply via USB-C – no external power is needed.**

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- Power supply via PD charger (not included).
- Dimensions 16 x 79 x 26 mm (H x B x D).
- Weight 43 g (incl. cable).
- Cable 16 cm long.

Supported operating systems:

- Windows 10 / 11, macOS, iPadOS, iOS, Linux, Chrome OS and Android.
- Compatibility depends on the operating system and device manufacturer support.
- DisplayPort Alternate Mode (DP Alt Mode) is only supported in updated OS and also depends on support from device (notebook, tablet, phone).
- Graphics card drivers may also affect the correct operation of the product. We recommend downloading the latest version of drivers.

Package contains:

- USB-C > HDMI adapter with 16 cm log cable,
- multilingual manual CZ / DE / DK / ENG / ESP / EST / FIN / FR / GR / HR / HU / IT / LT / LV / NL / NOR / PL / PT / RO / SK / SLO / SRB / SWE / TR / UA / ALB / BG / BOS / CN / ARA,
- packed in a cardboard box with a hanging hole.

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