

Axagon HMC-DL-KVM USB-C 10Gbps DisplayLink KVM docking station for two 4K monitors and computers

Model: HMC-DL-KVM

Manufacturer: AXAGON

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Product Code: 1731271

R4,837

Two computers, two monitors, one docking station

The multifunctional docking station AXAGON HMC-DL-KVM combines DisplayLink technology, a KVM switch, and a USB-C 10Gbps hub in one device. Thanks to DisplayLink, it supports connection of two independent external monitors with resolution up to 4K/60Hz, even for MacBooks that natively support only one external monitor, or PCs without DisplayPort Alt Mode support. The integrated KVM

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switch allows sharing a single workstation between two computers – for example, a work and a personal laptop, two company laptops, or a MacBook and a Windows PC. With the press of a button, you switch the monitors, keyboard, mouse, USB peripherals and network connection between computers without the need to reconnect cables. The setup is completed with Power Delivery up to 100 W to power the connected laptop.

DisplayLink: Two 4K monitors over one USB cable (no DP Alt Mode required)

Need to connect two external monitors but your computer’s USB port does not support video output via DisplayPort Alternate Mode? The solution is DisplayLink technology, which transmits video over a USB data connection – DP Alt Mode is not necessary to connect monitors. Just one USB C-C or USB C-A cable between the computer and the docking station gives you two external monitors with up to 4K resolution at 60 Hz simultaneously. There are two HDMI ports and one DisplayPort, and monitors can be combined as HDMI + HDMI or HDMI + DisplayPort. The left HDMI output is shared with the DisplayPort output and cannot be used at the same time.

MacBook with two independent external monitors

If you want to connect two external monitors to your MacBook but your model natively supports only one, DisplayLink technology allows connecting two independent external monitors with up to 4K/60 Hz resolution also to compatible MacBooks with limited native external display support. Monitors can be used in extended desktop mode showing different content on each. To use DisplayLink video outputs, installation of the DisplayLink Manager app is required.

KVM switch: Work and personal computer without constant cable swapping

Your work laptop, home PC, or even two company laptops no longer need separate monitors and peripherals. The integrated KVM switch (Keyboard-Video-Mouse) lets you control two computers with one set of monitors, keyboard, and mouse, while sharing connected USB devices and other peripherals between them. Using the A/B button, you simply select which computer will currently use the full workstation. With a single press, you switch your entire workspace without disconnecting and

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reconnecting individual cables.

12 ports: USB 10Gbps, HDMI, DisplayPort, Gigabit Ethernet, card reader, audio, and 100W power
Instead of several adapters, you get one central hub for connecting your full workspace. The docking station offers 12 ports, including five USB-A and USB-C data ports with speeds up to 5 or 10 Gb/s, Gigabit Ethernet, SD and microSD card readers, and a 3.5mm audio jack. Via the USB-C Power Delivery input, an active laptop can be powered with up to 100 W. Included cables allow both host inputs to connect to computers with USB-C or USB-A, enabling you to combine devices with different connector types.

Package contents: Everything needed to connect two computers

Included are cables for various docking station connection methods to computers with USB-C and USB-A. This makes the KVM setup adaptable to a combination of two modern laptops or workplaces where a USB-C computer is used alongside an older USB-A device. Also included is a power cable to ensure separate power supply to the docking station.

Video tutorial:
• Watch the video tutorial for the HMC-DL-KVM product at www.axagon.eu

Input (connection to computer or mobile device):
• 2x USB 10Gbps (USB 3.2 Gen 2), USB-C male connectors.
• Compatible with USB 480Mbps, USB 5Gbps, USB 20Gbps, USB 40Gbps, Thunderbolt 3 / 4 / 5.

Input (power):
• 1x USB-C (combined power), female connector.
• The docking station requires power for its operation.
1. Power via USB bus power:
• Through power cable and the computer’s USB port (“Power Cable” included in package).
• Via mobile charger (not included).
2. Power via USB Power Delivery:
• PD 3.0 port - 100 W
• Via PD charger/adapter (not included).
• PD power supply must be supported by the laptop (tablet, phone), cable, and charger.

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Note:

The docking station does not function without connected power. Besides the data connection to the computer, it is necessary to connect one of the power supply options to its USB-C power input (see above). Data cable connection alone is not sufficient.

USB outputs:

• 2x USB 5Gbps ports, USB-A female connectors.
• 1x USB 5Gbps port, USB-C female connector.
• 1x USB 10Gbps port, USB-A female connector.
• 1x USB 10Gbps port, USB-C female connector.
• USB-C dock supports connecting multiple external drives simultaneously.

Video outputs:

• 2x HDMI ports, HDMI A female connectors.
• 1x DP port, DisplayPort female connector.
• Left HDMI and DisplayPort are shared and cannot be used together.
• The DisplayLink Manager app must be installed to enable video outputs.

DisplayLink chipset for USB video transmission:

• DisplayLink DL-6950-N chipset.
• Support for video output over USB-A and USB-C.
• Support for connecting up to two external monitors in extended desktop mode on macOS.
• Support for connecting up to two external monitors in extended desktop mode on Windows / Linux.

Maximum supported resolution:

• 1 monitor (HDMI) - up to 4K/60Hz Ultra HD, 2K/144Hz Quad HD, 1080p/240Hz Full HD
• 1 monitor (DisplayPort) - up to 4K/60Hz Ultra HD, 2K/144Hz Quad HD, 1080p/240Hz Full HD
• 2 monitors (HDMI + HDMI) - up to 4K/60Hz Ultra HD, 2K/144Hz Quad HD, 1080p/240Hz Full HD
• 2 monitors (HDMI + DisplayPort) - up to 4K/60Hz Ultra HD, 2K/144Hz Quad HD, 1080p/240Hz Full HD
• Achievable refresh rate depends on monitor specifications and dock compatibility. Smoothness may also be affected by USB bandwidth, load from other connected devices, and computer performance.

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Video features:

• On Apple devices with macOS, maximum refresh rate is usually limited to 60Hz.

• Support for HPD (Hot-Plug-Detect).

• Support for TMDS (Transition Minimized Differential Signaling).

• Support for sampling frequency up to 48 kHz and 16-bit stereo sound – depends on source and output devices (laptop/phone and TV/monitor/AV receiver).

Card reader – two slots:

• microSD slot: microSD, microSDHC, microSDXC, TransFlash.

• SD slot: SD, SDHC, SDXC, MMC, MMC mobile, RS-MMC.

• Support for SD/microSD UHS-I. Speeds up to 104 MB/s.

• Support for SD 1.0 to SD 3.0 (SDXC - Secure Digital eXtended Capacity, up to 2TB).

• Hardware CRC function support.

• 2 LUN - reader appears as two drives. Allows copying from card to card.

• Realtek RTS5306 chipset.

Audio output/input:

• 1x 3.5 mm 4-pin jack for headset, headphones, or active speakers,

• 2-channel analog stereo output 48 kHz @ 16 bit for playback,

• Analog microphone input 48 kHz @ 16 bit for recording.

RJ-45 output:

• Gigabit Ethernet interface with RJ-45 connector for UTP or STP cable connection.

• Supported Ethernet transmission speeds 10/100/1000 Mb/s.

• Supported standards IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T.

• 10/100/1000 Mb/s auto-detection.

• Realtek RTL8211F chipset.

KVM switch:

• Allows controlling two computers with one set of monitors, keyboard and mouse, while sharing connected USB devices and other peripherals.

• Switching between computers is done via A/B button.

Additional features:

• Hot plug support for device connection while running.

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• Power saving mode support.
• A steady LED light indicates the dock is connected to the computer.

Additional information:
• Docking station dimensions: 180 × 80 × 20 mm (W × D × H).
• Docking station weight: 170 g (without cable).

Supported operating systems:
• Windows 10 / 11, macOS, Ubuntu / Linux, ChromeOS, and Android.
• Compatibility depends on operating system and device manufacturer support.
• Proper product function may also depend on DisplayLink chipset drivers. We recommend downloading the latest drivers.

Package includes:
• USB-C KVM docking station,
• USB-C / USB-C data cable 100 cm,
• USB-C / USB-C data cable 30 cm with USB-C / USB-A adapter,
• USB-C / USB-A data cable 100 cm,
• USB-C / USB-A power cable 150 cm,
• 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.

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