

2-Port USB-C KVM Switch, Single-4K 60Hz HDMI Monitor, Dual-100W Power Delivery Pass-through Ports, Bus Powered, USB Type-C/USB4/Thunderbolt 3/4 Compatible - Small Form Factor - TAA

Product ID: C2-H46-UC2-PD-KVM



This USB Type-C KVM Switch enables users to switch between two USB-C laptops, sharing a 4K 60Hz HDMI monitor, keyboard, and mouse, while simultaneously charging each laptop.

Dual-100W Power Delivery 3.0 pass-through ports (10W reserved) enable the KVM Switch to charge each laptop at up to 90W, using its own dedicated USB-C power adapter. The dual PD passthrough ports allow for charging each laptop, even when they are not connected to the selected port.

The 2-Port KVM Switch works with any operating system, including Windows, macOS, Linux, and ChromeOS. It is compatible with all hardware platforms, such as Intel, AMD, and Apple M1 and M2 devices (e.g., MacBook Pro). Additionally, it works with DP Alt Mode-enabled USB-C, USB4, Thunderbolt 3, and Thunderbolt 4 laptops and devices.

The KVM Switch is bus-powered and includes two 3ft/1m USB-C host cables, allowing for rapid deployment. The small form factor is sturdy and features attached rubber feet, keeping the KVM securely in place during use. The streamlined port layout ensures easy access to the mouse, keyboard, and host connections, while the PD Passthrough and HDMI output are conveniently out of the way - located on the other side of the unit.

Certifications, Reports and Compatibility



Applications

- Ideal for sharing peripherals between personal and work laptops in a home office
- Switch a display, mouse, and keyboard between two laptops while charging them

Features

- **DUAL LAPTOP CHARGING:** 100W Power Delivery Pass-Through is enabled using dedicated USB-C Power Adapters (not included), with 10W reserved and up to 90W charging available for each host laptop simultaneously using the two PD 3.0 pass-through ports
- **4K 60HZ USB-C KVM SWITCH:** Enables fast switching of a keyboard, video, and mouse using a single USB-C cable connected to a laptop that supports USB-C DP Alt Mode; It features a 4K 60Hz HDMI output, two USB HID ports, and pushbutton switching
- **COMPATIBILITY:** 2-Port KVM Switch works with any operating system including Windows, macOS, Linux, and ChromeOS; Compatible with all hardware platforms such as Intel, AMD, and Apple M1/M2 devices (MacBook); Works with USB-C, USB4, Thunderbolt 3/4 laptops
- **READY TO DEPLOY:** Compact KVM is bus powered and includes two 3ft/1m USB-C host cables; Small form factor is sturdy and features attached rubber feet, keeping the KVM in place during use; Streamlined Port Layout; LED Indicators for Port and Charging Status
- **OUR ADVANTAGE:** Included connectivity tools for IT Pro's and IT help-desk support teams with USB Event Monitoring for logging USB device connections with timestamps, and Windows Layout to restore windows locations upon switching hosts

Hardware

| | |
|------------------------------|---------------|
| Warranty | 2 Years |
| Audio | Yes |
| KVM Ports | 2 |
| PC Interface | USB-C |
| PC Video Type | HDMI |
| Number of Monitors Supported | 1 |
| Rack-Mountable | No |
| Cables Included | Yes |
| Industry Standards | HDMI 2.1 TMDS |
| Chipset ID | VLI - VL103R |

VLI - VL171

Parade - PS186

VLI - VL817

Daisy-Chain No

Performance

On-Screen Display No

IP Control No

Hot-Key Selection No

Maximum Data Transfer Rate 480Mbps (USB 2.0)

Maximum Digital Resolutions 4096 x 2160 @ 60Hz

Supported Resolutions

- 5120 x 1440 @ 60Hz
- 4096 x 2160 @ 60Hz
- 3840 x 2160 @ 60Hz
- 3840 x 2160 @ 60Hz
- 3440 x 1440 @ 60Hz
- 2560 x 1440 @ 60Hz
- 2560 x 1080 @ 75Hz
- 1920 x 1200 @ 60Hz
- 1920 x 1080 @ 60Hz

Other lower resolutions may be supported

Wide Screen Supported Yes

Audio Specifications HDMI - 7.1 Channel Audio

Auto Scan None

Port Selection Support Push Button

General Specifications Power Delivery Pass-through: 100W

Maximum Device Charging: 90W

MTBF 50,000 Hours

Connector(s)

| | |
|----------------------|--|
| Console Interface(s) | 2 - USB 2.0 Type-A (4 pin, 480Mbps) 1 - HDMI 2 - USB Type-C (24 pin) USB Power Delivery Only |
| Host Connectors | 2 - USB 3.2 Gen 2 USB Type-C (Power Delivery + Data, 24 Pin, 10 Gbps) |

Software

| | |
|------------------|---------------------------------|
| OS Compatibility | No Drivers or Software Required |
|------------------|---------------------------------|

Special Notes / Requirements

| | |
|------|---|
| Note | Host device must support USB-C DP Alt Mode for video functionality to work Host device must support Power Delivery to charge when a USB-C Power Adapter is connected to the Power Delivery Pass-through Port |
|------|---|

Indicators

| | |
|----------------|--|
| LED Indicators | 2 - Power Input LED: Solid Blue = USB-C Power Adapter connected 2 - Host Connection LED: Solid Blue = Port Selected |
|----------------|--|

Power

| | |
|------------------------------|--|
| Power Source | Bus Powered and Host USB-C Power Adapter |
| Power Consumption (In Watts) | 10W |

Environmental

| | |
|-----------------------|---------------------------|
| Operating Temperature | 5C to 55C (41F to 131F) |
| Storage Temperature | -20C to 50C (-4F to 122F) |
| Humidity | 20% ~ 80% RH |

Physical Characteristics

| | |
|-------|-------|
| Color | Black |
|-------|-------|

| | |
|-------------------|------------------|
| Material | ABS |
| Cable Length | 3ft (1m) |
| Product Length | 5.5 in [14.0 cm] |
| Product Width | 2.8 in [7.0 cm] |
| Product Height | 0.6 in [1.5 cm] |
| Weight of Product | 7.1 oz [200.0 g] |

Packaging Information

| | |
|---------------------------|-------------------|
| Package Quantity | 1 |
| Package Length | 4.8 in [12.2 cm] |
| Package Width | 7.0 in [17.7 cm] |
| Package Height | 3.5 in [8.8 cm] |
| Shipping (Package) Weight | 15.3 oz [434.0 g] |

What's in the Box

| | |
|---------------------|-----------------------|
| Included in Package | 1 - KVM Switch |
| | 2 - USB-C Host Cables |
| | 1 - Quick-Start Guide |

Warranty Information

| | |
|----------|---------|
| Warranty | 2 Years |
|----------|---------|

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