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

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

• OURADVANTAGE:IncludedconnectivitytoolsforITPro'sandIThelp-desksupportteamswithUSBEventMonitoring for logging USB device connections with timestamps,andWindowsLayout 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

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 @ 60Ha 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	6.8 in [17.2 cm]
	Package Width	4.7 in [12.0 cm]
	Package Height	3.3 in [8.5 cm]
	Shipping (Package) Weight	15.5 oz [440.0 g]

What's in the Box		
	Included in Package	1 - KVM Switch
		2 - USB-C Host Cables
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.