

CS742H

2-Port USB 4K HDMI Dual-Display KVMP™ Switch (Cables included)





With the CS742H, you can benefit from:

- Initialities and flexible switching via pushbutton, hotkey, mouse, or the remote port selector A 2-port USB hub for peripheral sharing with a simple plug-and-play setup A pristine visual experience up to 4K60 Multi-system compatibility across Windows, Mac, and Linux

Whether you're a professional seeking a productivity booster for your daily office routines, a content creator, a hybrid worker, or someone looking for a better entertainment setup, the CS742H is definitely your perfect desktop companion.





Superior Visual Clarity

The KVM switch is designed to deliver exceptional video performance, supporting up to 4K60 visual clarity.

Video DynaSync™

Built with ATEN's exclusive Video DynaSyncTM, the CS742H optimizes display resolution by preserving consistent window sizes and icon positions during every port switch, ensuring a smooth, flicker-free multitasking experience.



USB 2.0 Peripheral Hub

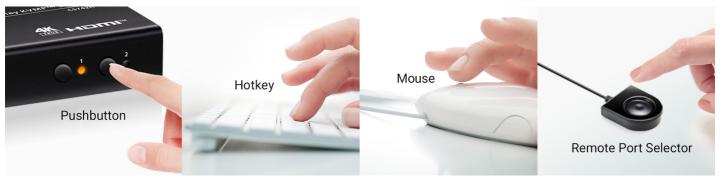
Media and data sharing between computers is fast and effortless via plug-n-play connections (e.g. hard drive, flash drive, printer, etc) to the USB ports on the KVM switch, without the need for an extra docking station.





Flexible Port Switching

Port switching is quick and flexible via pushbuttons, hotkeys, mouse or the remote port selector – whichever best fits your workflow.



All Cables Included. No Extras Needed.

Everything you need is included – 4 HDMI cables, 2 USB 2.0 A to B cables, 1 power adapter, and 1 remote port selector (wired switch button) – for instant setup.



Applications

The CS742H promotes a streamlined multitasking workflow and delivers a tidy setup with a single keyboard and mouse on a 2-PC, dual-display desktop, making it perfect for any personal or professional routine.

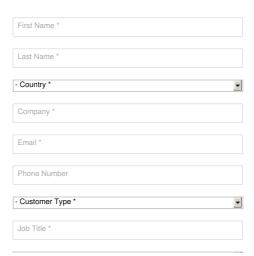






Talk to Our Experts

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly















The ATEN CS742H 2-Port USB 4K HDMI Dual-Display KVMP™ Switch is designed for professionals who need streamlined control over two computers while maintaining high-performance visuals and peripheral sharing. With support for dual HDMI displays at resolutions up to 4096 x 2160 @ 60Hz, it delivers ultra-clear image quality ideal for tasks in design, finance, and media production.

The CS742H allows users to operate both systems using a single USB keyboard, mouse, and shared peripherals, significantly reducing desktop clutter and hardware costs. It supports multiple switching methods including front-panel pushbuttons, hotkeys, mouse wheel, and remote port selector, offering flexibility and convenience in various work setups. Equipped with USB peripheral sharing, the CS742H enables seamless use of devices like external drives, webcams, or printers across both connected systems.

It comes complete with all necessary cables and a power adapter for fast, plug-and-play installation with no extra purchases required. With power-on detection, multiplatform support for Windows, Mac, and Linux, and hot-plug capability, the CS742H is a reliable, efficient solution for users managing dual-computer environments with high-resolution dual displays.

- Single USB keyboard and mouse control up to 2 PCs, simplifying cables and reducing the cost of multi-computer setups
 Superior video quality up to 4096 x 2160 @ 60 Hz, 5120 x 1440 @ 60 Hz
 Computer Selection via pushbuttons, remote port selector, hotkeys, and mouse wheel
 Supports Video DynaSync Exclusive ATEN technology ensures optimal resolution and consistent window layout during port switching for smooth multi-system workflows
 Multiplatform support Windows, Mac, and Linux
 USB peripheral sharing
 All HDMI/ USB cables and power adapter included for hassle-free installation, no extra purchases needed
 Power-on detection automatically switches to the next active computer
 Supports most gaming / multimedia keyboards and multifunction mice with emulation or bypass
 Auto-scan function allows continuous monitoring of connected systems
 Plug and play no software installation or configuration required
 Supports hot-plugging
 Firmware upgradeable



Specification

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Computer Connections	2
Port Selection	Hotkey, Pushbutton, Mouse wheel, Remote Port Selector
Connectors	
Console Ports	2 x USB Type A Female 2 x HDMl Female (Black) 1 x 3.5mm Audio Jack Female (Green; 1 x front)
KVM (Computer) Ports	2 x USB3.1 Gen1 Type B Female (Blue) 4 x HDMI Female (Black)
Remote Port Selector	1 x 2.5mm Audio Jack Female
Power	1 x DC Jack
USB Hub	2 x USB2.0 Type A Female (White; 2 x front)
Switches	
Selected	2 x Pushbutton
LEDs	
On Line /Selected	2 (Orange)
Emulation	
Keyboard / Mouse	USB
Video	Up to 4096 x 2160 @ 60Hz, 5120 x 1440 @ 60Hz
Scan Interval	1-99 Seconds (Default: 5 sec.)
Power Consumption	DC5V:3.63W:43BTU/h
	Note: The measurement in Watts indicates the typical power consumption of the device with no external loading. The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20-60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.47 kg (1.04 lb)
Dimensions (L x W x H)	20.23 x 8.17 x 2.50 cm (7.96 x 3.22 x 0.98 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

