

What is an 8-port KVM switch



AI Overview

An 8-port KVM switch allows a single keyboard, monitor, and mouse to control up to 8 computers, with options for high-resolution video, USB peripheral sharing, and rackmount installation.

Key Features

Video Support: Modern 8-port KVM switches support high-resolution video. For example, the ATEN CS19208 supports DisplayPort/HDMI output up to 4K DCI (4096 x 2160 @ 60Hz) for crystal-clear visuals, while the MT-VIKI 801HK-C supports HDMI at 4K/30Hz, and StarTech models support DP 1.2 at 4K 60Hz, suitable for detailed data analysis and multi-monitor setups.

USB and Peripheral Sharing: Many switches include built-in USB hubs. The ATEN CS19208 has a 2-port USB 3.1 Gen 1 hub with 5 Gbps transfer rates, allowing fast connection to printers, scanners, or storage devices. MT-VIKI models provide USB 2.0 support for peripherals, ensuring compatibility with keyboards, mice, and other devices.

Switching Methods: Port selection can be done via front-panel pushbuttons, hotkeys, on-screen display (OSD), RS-232 commands, or remote control. This flexibility allows IT administrators to quickly switch between computers without interrupting workflow.

Rackmount and Space Efficiency: Many 8-port KVM switches are designed for 1U rackmount installation, saving space in server rooms. Some models, like the ATEN CS19208, can be cascaded to control up to 128 computers and stacked for multi-display setups, supporting up to 8 monitors for complex monitoring tasks.

Compatibility: These switches generally support a wide range of operating systems, including Windows, Linux, macOS, and legacy systems. They also support wireless or smart mice and keyboards, making them versatile for different IT environments.

Security and Management: Advanced models offer two-level password authorization and broadcast modes to execute commands simultaneously across multiple computers, enhancing security and operational efficiency.

Practical Applications

Server Management: Centralized control of multiple servers in data cen...

Article Content

KVM Matrix | Adder Technology

What is a KVM Matrix A KVM matrix combines the functionality of KVM switches and extenders but also adds the ability to share control and manage user access rights. Using a combination of transmitters,

8-Port HDMI KVM Switch with 1U Rack Mount Kit, 4K 60Hz HDMI 2.0,

4K 60HZ KVM SWITCH: Switch between eight HDMI-enabled computers to share a keyboard, mouse, 3.5mm audio, USB 2.0 hub (2x front/2x rear), and a 4K 60Hz HDMI 2.0 monitor for effortless multi

Used StarTech 8-Port HDMI KVM Switch with 1U Rack Mount Kit, TAA ...

Ensures efficient and user-friendly operation for multi-server administration with switching via push-buttons or hotkeys, an audible buzzer for confirmation, and LEDs for quick visual port selection

8-Port USB 3.0 4K DisplayPort KVM Switch

The ATEN CS19208 8-Port USB 3.0 4K DisplayPort KVM Switch can effectively access and control up to 8 DisplayPort computers from a single USB keyboard, USB mouse, and monitor console.

DKVM-8H 8-Port HDMI KVM Switch | D-Link

Connect up to 8 computers, including mouse, keyboard, printer, or USB drive. HDMI & EDID compatibility for up to 4K resolution at 30 Hz without image degradation. Quickly switch from one

What Is a Secure KVM Switch? A Look at HighSecLabs and Why

Discover how secure KVM switches use hardware-enforced isolation to prevent data leaks, and why federal buyers trust HighSecLabs for NIAP-certified solutions.

KVM1001A: 10-Port 4K60Hz HD KVM Switch, EDID Emulation,

KVM1001A: 10-Port 4K60Hz HD KVM Switch, EDID Emulation, USB3.0, 10 PCs Share 1 Monitor+4 USB, Audio, RS232, Wired Remote, 12V Power & USB Cable 1. 10-port HD KVM switch supports

DKVM-8H 8-Port HDMI KVM Switch | D-Link

Convenient Switching & 4K Display Quality Quickly access connected computers with ease using front panel buttons or hotkeys. HDMI and EDID compatibility ensures crystal-clear images.

The 29 Best DisplayPort KVM Switches of 2026

8 Port Displayport KVM Switch This 8 ports KVM switch can control up to 8 computers to share 1 monitor with 1 set of Wired or Wireless

10 Best 8 Port KVM Over IP Switches 2026: Rackmount Picks for

Compare the best 8 port KVM over IP switch options for remote control, rackmount convenience, and reliable multi-server access in 2026.

TESmart 4 Port KVM Switch Dual Monitor DisplayPort, Support

Buy TESmart 4 Port KVM Switch Dual Monitor DisplayPort, Support 4K@60Hz USB 3.0 KVM Switch 4 Computers 2 Monitors, EDID emulators, Audio Output, Hotkey Switch, with All Input Cables online in

Lindy KVM Switch 8-Port VGA, USB & PS/2 Combo (39526)

Bereits ab 222,14 € Große Shopvielfalt Testberichte & Meinungen | Jetzt Lindy KVM Switch 8-Port VGA, USB & PS/2 Combo (39526) günstig kaufen bei idealo

StarTech 4-Port DisplayPort KVM Switch, 8K 60Hz / 4K 144Hz

4-Port Kvm Enables Fast Switching Between Usb-A/Displayport-Enabled Desktops Sharing Keyboard/Mouse And An 8K 60Hz Monitor; Dsc Support Required For Maximum

KVM Extender Modular Switching Module

Product Features Replacement or Spare Switching Module for P/N ACXC8. Does not operate by itself; requires P/N ACXMODH2R-P-R2 Chassis Enables matrix switching support for 8 DKM CATx

8 Best 8-Port KVM Switches for Home Lab (July 2026)

If you are managing multiple computers in your home lab, an 8-port KVM switch is one of the smartest investments you can make. Rather than juggling separate monitors, keyboards, and

The 8 Best DisplayPort KVM Switches of 2026

What are the best displayport kvm switches products in 2026? We analyzed 1,152 displayport kvm switches reviews to do the research for you.

5 Best 8-Port KVM Over IP Switches for 2026

Optimize your server management with the top 8-port KVM over IP switches for 2026, and discover which one best meets your remote access needs.

Best 8K Dual Monitor DisplayPort KVM Switch for

The best DisplayPort KVM switch for gaming & home office. Supports dual monitor and high refresh rates like 4K@165Hz/144Hz, 2560x1440@144Hz/120Hz.

8-Port PS/2-USB VGA KVM Switch

The CS1308 KVM switch allows access and control up to 64 computers from a single console (keyboard, mouse, and monitor). As many as 8 additional switches can be cascaded bringing the total number

8-Port HDMI KVM Switch

Equipped with 8 HDMI display ports, 8 USB Type B ports, and 4 USB console ports, you can connect up to 8 computers, 2 USB input devices (mouse & keyboard), and 2 additional USB

8 Ports 4K HDMI KVM Switch with USB KM synchronization and

KNVM-08A0, 8 Ports 4K HDMI KVM Switch with EDID, enables users to access and control up to 8 USB servers or computers with one set of USB keyboard, mouse and HDMI monitor.

The Best KVM Switches | PCMag

Most mainstream KVM switches support between two to four computers, one to three monitors, and two to four peripherals. Next, check what

StarTech 8-Port USB/PS2 Rackmount KVM Switch

8-port USB/PS2 KVM switch with 1U rackmount design and OSD feature. Perfect for IT professionals managing multiple computers. Order today.

StarTech 2 Port HDMI KVM Switch

StarTech 2 Port HDMI KVM Switch 4K 60Hz - 2 Computers 1 Monitor, Keyboard Mouse - Bus Powered, Hotkey & Remote Switching, Audio

Value KVM-Konsole mit Switch 8-Port, 19" TFT, VGA, USB (26.99.0192) KVM ...

Value KVM-Konsole mit Switch 8-Port, 19" TFT, VGA, USB (26.99.0192) Test Noch keine Testberichte Wir sagen dir Bescheid, sobald der erste Test zu diesem Produkt da ist.

KVM Switches: HDMI KVM Switch, USB-C KVM Switch & More

Shop B& H for our huge inventory of KVM Switches from top brands like ATEN, IOGEAR, Black Box and Smart-AVI. Explore our unbeatable selection.

8 Port KVM Switches

An 8 port KVM switch allows users to control up to eight computers from a single keyboard, monitor, and mouse, reducing desktop clutter and streamlining workflow.

Tripp Lite B007-008 8-Port Rackmount KVM Switch with On-Screen

The Tripp Lite B007-008 8-Port Rackmount KVM Switch with On-Screen Display is used in server and computer management systems for controlling up to eight computers from a single keyboard,

Best 8x1 HDMI USB KVM Switches for 4K/8K & Low Latency

For 8-port (8x1) HDMI KVM switches, the following specifications have become industry benchmarks: Control Versatility: Support for IR remote, front panel buttons, keyboard hotkeys, and RS232/LAN

StarTech 16 Port 1U Rackmount USB KVM Switch Kit with OSD

A complete 16-port USB KVM kit, including all necessary cables and accessories The SV1631DUSBK 16 Port 1U Rack Mount USB KVM Switch Kit with OSD and Cables offers a well-appointed KVM

Contact Us

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