

Article Overview

USB-compatible rack-mounted KVM switches allow centralized control of multiple computers or servers from a single keyboard, monitor, and mouse, with options for 4, 8, 16, or more ports.

Key Features

Port Capacity and Scalability:

- o Common configurations include 4, 8, 16, or 32 ports, allowing control of multiple servers from a single console. Many models support cascading to expand control to up to 1024 computers using multiple switches .

Video and USB Support:

- o USB KVM switches support USB keyboards and mice, often with additional USB hub ports for sharing peripherals like printers or scanners .

- o Video interfaces include VGA, HDMI, DVI, and DisplayPort, with resolutions ranging from 1280x1024 up to 4K at 60Hz .

Form Factor and Mounting:

- o Most units are 1U rack-mountable, saving space in server racks. Some include integrated LCD consoles with foldable drawers for compact deployment .

Switching Methods:

- o Switching between computers can be done via front-panel push-buttons, hotkeys, or on-screen display (OSD). Auto-scan modes are available for sequential monitoring .

Peripheral Sharing and USB Hubs:

- o Many models include built-in USB hubs (2-4 ports) to share devices across connected computers. USB 2.0 and 3.0 support is common, with backward compatibility for older devices .

Compatibility:

- o Works with Windows, macOS, Linux, and Sun systems. Some models are TAA-compliant for federal procurement .

Additional Features:

- o Audio support with stereo or 2.1-channel output

- o Firmware upgradeable units

- o Cascadable for large-scale server management

- o Security options like password-protected OSD access .

Popular Models

- o StarTech.com SV831DUSBK: 8-port USB KVM switch with OSD, includes all cables, supports VGA, hotkey switching, and cascades up to 64 computers .

- o Tripp Lite B024-DPU08: 8-port DisplayPort/USB KVM switch, 4K 60Hz video, dual USB 3.1 hub, cascades up to 128 computers .

- o Eaton B024-HU08: 8-port HDMI/USB KVM switch with audio/video support, 1920x1200 resolution, cascades up to 512 computers .

- o Kinan XU0108/XU0116: 8 or 16-port USB VGA KVM switches, supports cascading, OSD, and resolutions



USB-compatible rack-mounted KVM switch

up to 1920x1080@60Hz .

Considerations for Selection

- o Number of computers to control - choose a switch with enough ports and cascading capability.
- o Video resolution and interface - ensure compatibility with your monitors and desired resolution.
- o USB hub requirements - if sharing peripherals, select a model with built-in USB ports.
- o Rack space - most switches are 1U, but integrated LCD consoles may require additional depth.
- o Budget and warranty - prices range from \$100 for basic 4-port units to over \$1,500 for high-end integrated consoles, with warranties typically 1-3 years . USB-compatible rack-mounted KVM switches provide a centralized, efficient, and scalable solution for managing multiple servers or computers, making them ideal for data centers, server rooms, and IT labs.

We make our rack mount KVM switches USB compatible and can handle a wide range of servers

BENFEI USB 3.0 Switch, USB Switch 2 Computers Share 4 USB for PC, Mouse, Keyboard, Printer, Scanner, USB KVM Switch

IHDAPP 8 Port Real Seamless Switching HDMI KVM Switch 8 Computers 4K@30Hz 1U Rack Mount, 8 in 2 Out HDMI KVM Switch

With connection to HDMI or DisplayPort-enabled computers, 4K USB 3.0 Rack KVM Switch series effortlessly enriches console

16 Ports KVM Switch HDMI 4K@60Hz EDID Simulation, 1U Rack Mount USB 3.0 HDMI KVM Switch for 16 Computers/Servers, with

Improve productivity with our selection of high-quality KVM switches from popular brands like Belkin®, IOGEAR®, Tripp Lite®,

Symbolic representation of a KVM switch. The computer on the right is currently being controlled by the peripherals. Enterprise 1U

About this item 8 Port Rackmount KVM Console, is integrated 8 port kvm switch, touchpad, keyboard

The Best KVM Switches Switching among your work, personal, and gaming PCs can be a slog. With a KVM switch,

TRENDnet's 16-Port Rackmount VGA KVM Switch, model TK-1603R, lets you manage multiple computers



USB-compatible switch

rack-mounted

KVM

with just one set of

Need Help Finding a Rack-Mount KVM Switch? Tripp Lite can help you find one that can cascade multiple layers of KVM switches,

StarTech.com SV831DUSBK 8 Port 1U Rackmount USB KVM Switch Kit with OSD and Cables - Rack mount KVM - VGA KVM

Our Recommended KVM Switches The right KVM switch depends on how many computers you manage, whether you

Switching between computers can be easily accomplished by front panel pushbuttons, keyboard hotkey

Designed to ensure maximum space efficiency, the USB KVM switch features a slim 1U design that fits

Use FS Rackmount KVM Switches to access your multiple network servers from a single console. 4/8/16 port USB KVM Switches

Web: <https://bssoda.pl>

