

KVM Switcher Solution



Article Overview

A KVM switch allows a user to control multiple computers using a single keyboard, monitor, and mouse, streamlining management and saving space.

Core Functionality

A KVM switch (Keyboard, Video, Mouse switch) is a hardware device that enables one set of peripherals—keyboard, monitor, and mouse—to control multiple computers or servers . Instead of having separate keyboards, monitors, and mice for each system, a KVM switch consolidates control, allowing users to switch between computers seamlessly using buttons on the device, keyboard hotkeys, mouse clicks, or on-screen display software . This setup improves efficiency, reduces clutter, and lowers costs by minimizing the number of peripherals required .

Key Features

- **Control of Multiple Computers:** Users can access and operate several computers from a single console, enhancing productivity and situational awareness .
- **Multi-User Access:** Some KVM switches allow multiple users to access different computers simultaneously, facilitating collaboration and faster decision-making .
- **Cross-Platform Compatibility:** KVM switches support various operating systems and applications, making them suitable for environments with diverse systems .
- **Peripheral Support:** Modern KVM switches handle USB keyboards, mice, touchscreens, audio, and even high-resolution video (up to 4K or higher), as well as serial devices like RS-232 .

Types of KVM Switches...

Article Content

KVM Solutions

4K KVM-over-IP Switch Raritan's highest performing KVM-over-IP switch, which provides a new level of Ultra HD 4K performance for

KVM Switch Selector

Find and compare the best KVM Switch solutions from the leading manufacturers to meet your specific needs.

Best Monitors With Built-in KVM Switch [2026 Guide]

Looking for a monitor with a built-in KVM switch? Check out the best models currently available and everything you

Vertiv KVM-over-IP Switches for Maximum Efficiency

Streamline server management and power control with Vertiv IP KVM switches. Discover our digital high-performance KVM systems

KVM Switch Selector

Our KVM Switch Wizard helps you select the best KVM solution for your needs. Use our KVM Switch selector to compare KVM

Best KVM Switches for 2026 (Dual Monitor, Multi-PC)

Control multiple computers with one keyboard, mouse, and monitor using our recommended KVM switches, with setup

Top 10: Der beste KVM-Switch im Test

Mit einem KVM-Switch kann man Maus, Tastatur und Monitor ohne Umstecken mit mehreren Computern verbinden.

Choosing the best KVM switch (plus alternatives)

A jargon-busting guide to help you choose the best KVM switch for your needs, including KVMs, KVM over IP, and software KVMs.

KVM Switches Online

Users can literally manage and access thousands of computers or servers from a single "console". While

What is a KVM switch? Everything you need to know

Another benefit of a desktop KVM switch is you allow remote workers to combine their personal company computer

KVM Solutions

High performance KVM-over-IP switches for data centers, labs and server rooms. A single switch can connect to 8, 16, 32, or 64

6 Best Free and Open Source Software KVM Switches

Linux has a good range of software-based KVM switches that let you share a keyboard and mouse without needing to

The Ultimate Guide to Choosing the Right KVM Switch

For KVM-over-IP solutions, network bandwidth plays a critical role in performance. Higher compression technologies allow smoother

KVM switches

For users who want to run multiple computers or servers and use only one keyboard, monitor and mouse, a KVM switch offers a

The 5 Best KVM Switches for IT Managers: A Buyer's Guide

Discover the best KVM switches for IT managers based on key features, performance, pricing, and user reviews. Read

KVM Switches, Extenders & Matrix Systems | Black Box

Optimize your workspace with Black Box KVM solutions. Gain seamless, high-performance control over multiple servers and

KVM Switches Online

KVM Switches Online offers great prices and a wide selection of KVM Switch products including DVI, USB, HDMI & DisplayPort

KVM matrix systems | Guntermann & Drunck GmbH

KVM matrix systems vary from small systems with a few ports to large enterprise solutions with hundreds

Top KVM Switches Manufacturer | High-Performance KVM Solutions

Discover high-performance KVM switches designed to streamline multi-device management and boost productivity. Perfect for IT

KVM Switch | KVM over IP | Dominion KX III

The Dominion KX III KVM switch provides high performance web based remote management of server rooms, test labs

KVM Switches | Adder Technology

With solutions to support different video types, resolutions and performance requirements, along with compatibility for a range of USB

The Complete Guide to KVM over IP | TinyPilot

The authoritative guide to KVM over IP — how it works, how to secure it, and how to choose a reliable device for BIOS-level remote

KVM Solutions

Our mission-critical system solutions extend the distances between user devices (KVM) and remote computers. KVM switches

Freedom II Glide and Switch KVM Technology | Black Box

They turned to Black Box to implement a reputable high-performance KVM and KM solution. Learn how the ServSwitch CX KVM

Contact Us

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