

24-port network KVM switch



Overview

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

Key Takeaways

A 24-port network KVM switch allows centralized control of up to 24 servers or computers locally and remotely over IP, with high-resolution video, virtual media support, and secure access.



Connectivity: A 24-port KVM switch typically supports connections via RJ45 Cat5e/Cat6 cables to servers, with adapters for VGA, HDMI, DVI, DisplayPort, USB-C, and PS/2 interfaces. Local console connections are usually via VGA/HDMI and USB for keyboard and mouse control . **Remote Access:** These switches provide remote over IP access, allowing administrators to manage servers from anywhere using web clients (HTML5, Java) or mobile apps like PadClient for iOS devices . Multiple remote users can access the system simultaneously, with configurable user and group permissions . **Video and Media Support:** Full HD video resolution up to 1920 x 1200 is supported, along with virtual media functionality, enabling file transfers, OS updates, and application installations on remote servers . **Panel-Array Mode** allows monitoring all connected servers in a single interface. **Security:** KVM switches implement TLS 1.2 encryption, RSA 2048-bit certificates, and FIPS 140-2 certified OpenSSL modules to ensure secure communication . User authentication and access control can be configured for up to 64 user accounts with 32 simultaneous logins . **Out-of-Band Access:** Even if the main network is down, administrators can access servers via direct console, USB console, PSTN modem, or dedicated management LAN . This ensures BIOS-level troubleshooting and uninterrupted server management. **Power and Reliability:** Dual power supplies and dual NICs provide redundancy, ensuring 24/7 availability. Some models include temperature sensors and fan control for energy-efficient operation . **Management Software:** Integration with centralized management tools like ATEN CC2000 or Control Center Video Session Recorder (CCVSR) allows logging, monitoring, and recording of all server operations for auditing and troubleshooting .

Applications

24-port network KVM switches are ideal for data centers, server rooms, and IT infrastructure management, enabling administrators to:

- Control multiple servers from a single console or remotely.
- Perform maintenance, updates, and diagnostics without physical presence.
- Securely manage access and monitor server activity.
- Reduce travel and operational costs while improving response times. These switches are compatible with Windows, Linux, Mac, and Sun systems, making them versatile for heterogeneous IT environments .

Article Content

1-Local/2-Remote Access 24-Port Multi-Interface Cat 5

Equipped with dual on-board NICs, the KN series is built to ensure reliability and

1-Local/4-Remote Shared Access 24-Port Multi

The KN4024VB series KVM over IP switch provides local console and remote

1-Local/4-Remote Shared Access 24-Port Multi-Interface Cat 5 KVM

The KN4024VB KVM over IP switch allows both local console and remote over IP access, enabling users to monitor and manage

24-Port KVM over IP Switch 1 local / 4 remote user access

Aten's new generation of KVM over IP switches - KN series allows local console access and remote over

1-Local/2-Remote Access 24-Port Multi-Interface Cat 5 KVM over

The KN series KVM over IP switch provides local console and remote over IP access for users to monitor and access their entire

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AVX4024IP-US

The AdderView CATx Series AVX4024IP is a 24 port secure, KVM via CATx switch that allows 4 concurrent users (1x local PS/2 or

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24 Port IP KVM Switch, Dual AC + Virtual Media (1 local / 2 IP users)

The Aten KN2124v is a 24 Port 3-User (1-Local, 2-Remote) CAT5 IP KVM w/ Virtual Media. This KVM over the NET switch allows

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The Best KVM Switches

Most mainstream KVM switches support between two to four computers, one to three

KVM Switches

A KVM switch allows you to control multiple computers with a single keyboard, monitor, and mouse, reducing desktop clutter and

16 to 24 Port Multiple User KVM Switches

16 to 24 Port Multiple User KVM Switches 1 to 4-User CAT5 KVM Switch 8 to 24 Multi-Platform Servers Up to 1920 x 1440

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

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Desktop KVM Switch

A desktop KVM (Keyboard, Video, Mouse) switch is a device that allows you to control multiple computers

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24 Port DisplayPort KVM Switches

Desktop KVMs are typically smaller KVM switches that conveniently fit atop or under a user station. Dual-AC (N+1) provides fail-over

KVM Switch (1) Local Console-Port + (4) Users (24) Servers CATx

The CX KVM Switch enables up to 4 users to access up to 24 servers and computers over CATx cabling. Offers support for VGA and

ATEN KN2124VB 24-Port Multi-Interface Cat 5 KVM over IP KN2124VB

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ATEN KN4024VB | 24-Port KVM over IP Switch w/ 1 Local & 4

ATEN KN4024VB is a 24-port KVM over IP switch with one local and four Java-free remote user access, supporting dual-power, dual

24-Port KVM-Switches

Aten KN2124VB 24-Port KVM Over the NET - 1 local / 2 remote user access
1920x1200 Product No.: KN2124VB Shippingtime: ~ 2-6

KVM Switches

Whether you're an IT professional or a tech enthusiast, these versatile devices offer seamless switching

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