

Zero-latency KVM switch



2. Imported design is convenient for expansion.

The design of two inlets saves space and allows for rear line entry.

AI Overview

While no KVM switch can guarantee absolute "0 latency," high-quality models are designed to minimize latency to levels that are often imperceptible to users, especially in gaming and professional environments.

What is a KVM Switch? A KVM (Keyboard, Video, Mouse) switch allows users to control multiple computers using a single set of peripherals. This is particularly useful for managing multiple systems without the clutter of multiple keyboards and mice. Users can switch between computers with the push of a button or a keyboard command.

Does a KVM Switch Add Latency? Concerns about latency with KVM switches are common, especially among gamers. Here are some key points regarding latency:

- Minimal Latency in High-Quality Switches:** Most modern, high-quality KVM switches are engineered to minimize latency. The delay introduced by these switches is often negligible and unlikely to affect user experience during regular tasks or gaming sessions.
- Factors Influencing Latency:**
 - Switch Quality:** Higher-end models generally have lower latency compared to cheaper alternatives. Investing in a quality KVM switch is crucial for minimizing latency.
 - Cable Length and Quality:** Longer or lower-quality cables can increase signal travel time, potentially adding to latency.
 - Peripheral Compatibility:** Some switches may not fully support high-speed, gaming-grade peripherals, which can affect responsiveness.
 - Switching Speed:** The time it takes for the switch to re-establish connections when switching between devices can contribute to perceived latency.
- User Experience:** For most users, especially in non-gaming contexts, the latency introduced by a KVM switch is often imperceptible. However, for competitive gaming, even slight delays can be critical, so serious gamers should opt for high-quality, low-latency KVM switches.

Recommendations for Choosing a KVM Switch

- Read Reviews:** Look for user feedback on latency performance.
- Check Specifications:** Some manufacturers provide latency data in product specs.
- Test Before You Buy:** If possible...

Article Content

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

USB switching for keyboard and mouse happens at the electrical level with effectively zero added latency. Your monitor's response time (typically 5-15ms) and network ping (20-100ms) are online

AV Access HDMI USB KVM Extender, 50m/164ft 4K 60Hz Over

About the product AV Access HDMI USB KVM Extender, 50m/164ft 4K 60Hz Over Cat5e/6/6a/7, Support 2K@144Hz, 1080P@240Hz, 4 Ports USB2.0, HDCP2.2, No USB& Video Signal Loss and

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AV Access is a trusted Pro AV & IP AV manufacturer delivering quality HDMI/HDBaseT extender, KVM extender, AV over IP, HDMI matrix, KVM switch

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KVM Switches & Input Lag: The Truth for Competitive

High-quality, modern KVM switches introduce negligible latency (often less than 1ms), which is generally imperceptible to competitive gamers. Cheaper

USB True 4K HDMI HDBaseT 3.0 KVM Extender

The CE840 showcases excellent AV performance with no compression and zero latency. In addition to the support for HDR 10+, the extender is also capable of

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ATEN All-Digital KVM over IP Switches & DigiProcessor | KG Series

Go All-Digital with Exceptional Speed, Smoothness, and Security DigiKVM™ features an all-digital architecture by combining a centralized 16/32-Port KVM over IP Switch with versatile DigiProcessors,

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With high-definition visuals and zero-latency transmission, this KVM extender enhances interactive learning with crisp imagery and reliable performance for all users. Simplify your server

4K60Hz HDMI® KVM Extender with USB 2.0

Zero-Latency, Uncompressed 4K60Hz HDMI® KVM Extender Premium Image Quality Supports 4K60Hz 4:4:4 resolution and is fully compliant with HDMI® 2.0

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Compare the best 10 KVM over IP switch with HDMI options for 2026, from long-range extenders to high-refresh dual-monitor KVMs.

Zero-Latency 4K HDMI KVM-Extender, 100m HDBaseT

This HDBaseT 2.0 extender supports bi-directional 3.5mm stereo pass-through and RS232 pass-through; also supports one-way PoH. Built-in DIP switch for EDID

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TESmart 4 Port KVM Switch Dual Monitor DisplayPort, Support

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KVM EXTENDER - Extend USB Keyboard, Mouse, and HDMI video signals up to 230ft (70m) over CAT6/7 cable with NEAR ZERO latency/delay. *Note: Good

AV Access Launches A 4K KVM Extender 4KEX150-KVM for Remote KVM

AV Access introduces the 4KEX150-KVM, a 4K KVM extender delivering zero-latency 4K@60Hz video with HDMI 2.0 and HDCP 2.3 compliance, USB peripheral control, and stable

Zero Latency Seamless KVM Switch with Advanced

Effortlessly manage multiple computers with Rextron QSSM-3114 KVM Switch. It offers superior performance with up to 4K@60Hz resolution and flexible control

5K DisplayPort KVM over IP Receiver

The KX9970 guarantees secure, extendable, and zero latency KVM over IP data transmission with no distance constraint to expedite real-time

Greathtek website

As industry leaders, we specialize in the design and manufacture of high-performance HDMI and DisplayPort KVM switches, supporting both single and

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Explore KVM switches for modern workspaces & data centers. Compare dual monitor KVM switch features and benefits.

StarTech P4AD122M-KVM-SWITCH DisplayPort

Flexible display modes including Quad-View, Picture-in-Picture (PiP), and Picture-by-Picture (PbP) let you monitor and compare the four sources. Instant

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