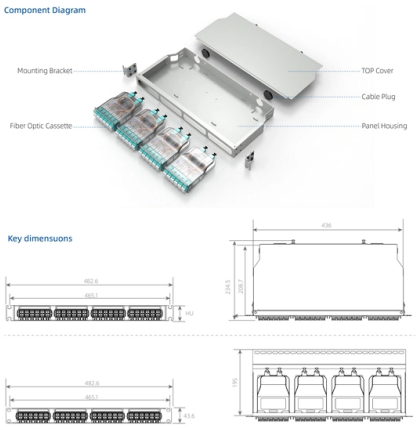
Which KVM switcher has the fastest switching speed



Overview

Compare the best dual-computer KVM switches for 4K 144Hz setups, with picks for gamers, creators, and multi-PC workstations.

Key Takeaways

For the fastest switching speed, a dual-monitor KVM supporting 4K@240Hz or 1080p@240Hz with multiple switching methods is recommended.

High-

Speed Gaming KVM Switch

The dual-monitor KVM switch capable of 4K@240Hz is currently among the fastest options available. It supports four USB 3. 0 ports at 5Gbps, allowing rapid peripheral switching without lag, and offers multiple switching methods: front panel button, wired remote controller, keyboard hotkeys, and mouse hotkeys, ensuring near-instantaneous transitions between systems (TechReviewer).

This switch also supports 4K@144Hz and 1080p@240Hz, making it ideal for competitive gaming or high-refresh-rate professional setups.

Key Features for Fast Switching

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Multiple Switching Methods: Keyboard hotkeys, mouse hotkeys, wired remote, and front panel button reduce physical delay when switching between computers (TechReviewer). High Refresh Rate Support: 4K@240Hz and 1080p@240Hz ensure minimal input lag and smooth visuals during fast-paced gaming or real-time work (TechReviewer).

US

B 3. 0 Ports: 5Gbps transfer speeds maintain responsiveness for high-performance peripherals like mechanical keyboards, gaming mice, and webcams (TechReviewer).

EDI

D Emulation: Maintains stable display detection, preventing resolution drops or window rearrangement during switching (TechReviewer). Other Notable OptionsAV Access iDock C10: Excellent for professional dual-PC setups with two monitors and audio output, offering reliable switching for office or creative work, though not optimized for ultra-high refresh rates (F. A.

Z.). Ugreen Switch 15707: Budget-friendly, compatible with Windows, macOS, and Linux, providing smooth switching for general office use, but may not match the ultra-fast refresh rates required for competitive gaming (F. A.

Z.).

Hearvo KV

M Switch: Supports 4K@60Hz with USB 3. 0, smooth switching, and adaptive EDID, suitable for multi-system home or office setups, but slower than the 4K@240Hz gaming KVM (9meters).

Recommendation

For maximum switching speed, especially for gaming or high-refresh-rate applications, the dual-monitor 4K@240Hz KVM switch with multiple switching methods and USB 3. 0 support is the best choice. For professional or office setups where ultra-high refresh rates are not critical, the AV Access iDock C10 or Ugreen Switch 15707 provide reliable and responsive switching at a lower cost.

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