

KVM Switching Speed

Article Overview

Modern high-quality KVM switches typically add negligible latency, often less than 1 millisecond, while slower or budget models can take several seconds to switch between computers.

Understanding KVM Switching Speed

KVM switching speed refers to the time it takes for a KVM switch to transfer control of keyboard, video, and mouse from one computer to another. This includes both the input latency (delay between pressing a key or moving the mouse and the action appearing on screen) and the display switching time (how quickly the monitor updates to the new computer's output) .

Typical Latency

- High-end KVM switches: Input lag is often less than 1 millisecond, imperceptible even in competitive gaming . These switches use advanced video and USB passthrough technologies to minimize delays.
- Budget or older KVM switches: Latency can range from 2–5 milliseconds for input, and switching between computers may take several seconds due to monitor resync or slower internal processing .
- Practical example: Some 2-port KVM switches, like the Startech SV211HDUA4K, may take 8–10 seconds to display the new computer, often due to the monitor searching for a sync signal rather than the KVM itself being slow .

Factors Affecting Switching Speed...

Article Content

Apr 01, 2026

KVM Switch Latency: Does it Impact Your Gaming or Work?

Discover if KVM switches cause latency and find the best low-latency options for gaming and professional use. Explore

Oct 26, 2025

UGREEN KVM Switch (2 PCs, 4K@60Hz, 5Gbps)

Control 2 PCs with one monitor, keyboard, and mouse—enjoy 4K60Hz clarity and 5Gbps USB speed for

Apr 23, 2026

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

Sep 17, 2025

Best KVM Switches in 2023

However, as there are many KVM switches to choose between, it can be difficult to know

Jan 21, 2026

High Refresh Rate and KVM Switch: Enhancing Visual Experience

This KVM switch is compatible with HDMI 2.0 standards, supporting resolutions up to 4K@60Hz 4:4:4 and high

Oct 29, 2025

What's a KVM switch? The pros, cons, and why you

If you ever wished you could use one keyboard and mouse with multiple devices, you'll be

Nov 26, 2025

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.

Jul 02, 2026

KVM Switches & Input Lag: The Truth for Competitive Gamers

Do KVM switches add input lag? We analyze benchmarks, test latency, and reveal the best KVM features for

Mar 15, 2026

Best KVM Switch In 2026

Best KVM Switch In 2025 - our top picks reviewed Only the best KVM Switches for 2024

Oct 08, 2025

The Best KVM Switches for Gaming in 2025 - Orange Hardwares

Explore the best KVM switches for gaming in 2025 - boost performance, switch devices seamlessly, and optimize your

Aug 31, 2025

Do KVM Switches Add Latency? Performance Impact 101

A key question often arises: do KVM switches add latency? This article investigates how these versatile devices

Jul 15, 2026

Best KVM Switches

The IOGEAR KVM 2-Port USB HDMI Cable KVM with Remote (GCS92HU) enables seamless switching between two

Jun 29, 2026

KVM Switches & Input Lag: The Truth for Competitive Gamers

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

Apr 07, 2026

KVM Switch: Key Technologies and Considerations

For individual users, the faster switching speed (shorter switching time) will greatly improve the user experience,

Jan 08, 2026

KVM display switching

Hello Community, in this Vid, the guys KVM is switching instantly... actually he is using the KVM just for mouse and Keyboard... not

Jul 05, 2026

Luxury of KVM switch is killing my refresh rate

However, the KVM switch, and most -reasonably priced ones- in the market throttle the refresh rate of any monitor at 60hz (or so I'm

May 28, 2026

What is a KVM Switch?

With fast 20Gbps data transfer speeds, it is ideal for large file transfers, high-resolution video streaming, and

Jan 08, 2026

Keyboard and mouse lags while using KVM switch

That is because the KVM switch you have is not a DDM-class KVM switch, so the shared keyboard mouse will be required to re-do

Sep 29, 2025

Everything You Should Know Before Buying a KVM Switch

This article describes Faqs about KVM switches. This content can help you better understand KVM switches in order

Nov 24, 2025

Lag / Sensitivity impact on mouse through KVM. (+FIX)

I've been using the KVM (2x dp1.4) for a couple of days now and on 1 of the 2 computers I get irregular mouse

Apr 24, 2026

Does a KVM Switch Add Latency?

Wondering if a KVM switch adds latency to your setup? This comprehensive guide explores the impact of KVM

Jun 19, 2026

KVM Switches Explained And How To Pick One

If you use multiple computers regularly, switching your peripherals between them can be a chore. KVM switches

Jun 22, 2026

KVM Switches | Amazon

Shop a wide selection of KVM Switches at Amazon . Free shipping and free returns on eligible items.

May 12, 2026

Does anyone here game on a KVM? Some latency concerns...

I'm considering getting an HDMI KVM so that I can switch between my laptop and desktop at my desk, which would be huge for me (I

Jan 23, 2026

The Best KVM Switches

If this kind of teleportation magic sounds like something your home setup needs, here's a guide to finding the right

Jul 17, 2026

Do KVM Switches Support High Refresh Rates for Gaming?

Modern KVM switches, designed to manage multiple computers from a single set of peripherals, have evolved to

Aug 08, 2025

KVM switch

A KVM switch (with KVM being an abbreviation for "keyboard, video, and mouse") is a hardware device that allows a user to control

Jan 07, 2026

The 10 Best KVM Switches of 2026 (Reviews)

What are the best kvm switches products in 2026? We analyzed 1,827 kvm switches reviews

Oct 01, 2025

Need Recommendations for High-Performance KVM Switch or Setup

I've looked into the following options, but I am overwhelmed by the options and wondering what to really choose and how the KVMs

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

