

How to solve latency issues with KVM switchers



Overview

High-end KVM switches add negligible input lag (often $<1\text{ms}$) that is imperceptible in competitive play. Budget or older KVMs can introduce delays exceeding 2-3ms, hurting your reaction times. Prioritize KVMs with DisplayPort 1. The primary benefit of a KVM switch is the consolidation of hardware, which leads to saving physical space and reducing the need. A KVM switch is a hardware device that allows you to control multiple computers using just one set of keyboard, monitor, and mouse. Don't let hardware slow you down. This tutorial provides a detailed walkthrough of KVM network. I use a KVM because I run both my development workstation and my main PC from the same monitor (s). If you switch both the keyboard and the mouse via a general purpose USB port on the KVM switch it should not add any latency. The only possible latency can come from the specialized keyboard port on. Do KVM switches significantly affect input latency or performance?

I'm planning to buy the ASUS ROG Swift PG32UCDM, also for its built-in KVM, and I want to use it with my Wooting 60HE and DeathAdder V3 Pro.



Article Content

10 Best USB-C KVM Switches for MacBooks (July 2026) Top Tested

Best USB-C KVM Switches for MacBooks solve a very specific problem that Apple created when they went all-in on USB-C and Thunderbolt.

How to Choose Among KVM Switches and Console Servers

When do you use KVM switches vs console servers? Find out the industries that use them, their benefits and choose what is best for your needs.

KVM Network Performance Tuning and Troubleshooting

This comprehensive guide provides step-by-step instructions on KVM network performance tuning and troubleshooting, enabling you to identify bottlenecks, implement effective

Will using a USB KVM degrade keyboard / mouse responsiveness when gaming ...

Depends on the KVM, the bandwidth of the connections and also how it reports to the machine that doesn't have the peripherals. Basically a cheap switch is just a switch, so when you

Erhöhen KVM Switches die Latenz

Erhöhen KVM Switches die Latenz? Erfahren Sie, wie sie funktionieren, ihre Auswirkungen auf Gaming, und Tipps zur Auswahl des besten Switches.

Common Problems with KVM Switch & Solutions (PART

We will now introduce some of these problems and provide solutions to help you make better use of a KVM switch. We also make a KVM switch

10 Best KVM Switches for Multiple Computers (July

Discover the best KVM switches for multiple computers in 2026. We tested 15 models for reliability, switching speed, and EDID support. Top picks for

Why Isn't My KVM Switch Working? Let's Troubleshoot!

Editor's Picks: KVM Switch Beginner's Guide Part 1. How to Share a Keyboard, Mouse, Monitor to Two Computers? Part 2. How to Set Up a KVM

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

Most KVM switches that support USB have such a general purpose port which is sometimes marked as the "mouse port". Latency on this port should be identical to any latency you might suffer from using

Best 8x1 HDMI USB KVM Switches for 4K/8K & Low Latency

The global KVM switch market is expected to reach \$4.9 billion by 2032, with 4K@60Hz models currently holding nearly 47.4% of the share. Consumer pain points primarily center on HDMI

Keyboard and mouse lags while using KVM switch

The issue seems to be present only when the CPU usage is low. For example running yes command (100% usage of one thread) or having some game clients in the background temporarily fixes the issue.

Will a KVM switch cause lag in games?

I used to use KVM switches back in the day. In my experience they didn't make a noticeable difference, but there's always the potential that it could cause some latency. I wouldn't buy

Does a KVM Switch Add Latency?

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

10 Best KVM Switches for Dual Computers (July 2026) Tested

We tested 10 KVM switches for dual computers to find the best options for gaming, productivity, and USB-C setups. Compare specs, prices, and reviews.

KVM Switches & Input Lag: The Truth for Competitive

Prioritize KVMs with DisplayPort 1.4 and USB 3.0+ to support high refresh rates and 1000Hz+ polling. Avoid the "Refresh Rate Trap" by ensuring

Do KVM switches significantly affect input latency or performance ...

I'm planning to buy the ASUS ROG Swift PG32UCDM, also for its built-in KVM, and I want to use it with my Wooting 60HE and DeathAdder V3 Pro. My concern is whether the KVM will

Does anyone here game on a KVM? Some latency

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 use my laptop a lot more for

Latency in KVM systems

We've worked hard to eliminate as many bottlenecks as possible to deliver the smallest latency on the market today. This article breaks down where latency comes from in PiKVM's video pipeline, what

Issues with KVMs and USB Switches

Issues with KVMs and USB Switches - switching lag, unrecognized devices, unresponsive PCs. Is the KVM or the PC the problem?

Would a KVM switch add any noticeable amount of latency?

However, I'm concerned that it may cause input lag and latency when I'm gaming. So I thought I'd you guys - is this something I need to be concerned about? How much additional latency would a KVM

Keyboard and mouse lags while using KVM switch

Hi, I'm having issues with lagging mouse and keyboard while using a KVM switch. Mouse (a4tech v7m): every 1-5 seconds, it's freezing for about 0.5s. When the freeze happens, the scroll wheel backlight

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 function, examines whether they impact your system's response time, and

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 key features, tips, and top products from AV Access for optimal

Do KVM Switches Add Latency? Performance Impact 101

Do KVM switches add latency? Get insights on how they work, impact on gaming, and tips to pick the best one for a seamless experience. Click

Does KVM Switching Cause Gaming Latency? An A-Z Guide

Latency is crucial in competitive gaming, affecting player performance through network and system delays. While a KVM

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