

How many seconds does it take for a KVM switcher to switch



Overview

Traditional KVM switches generally switch between 5-8 seconds depending on what solution is used. AV Access uses advanced EDID simulation technology to start a connection when the computer is connected and maintain the connection status even though it is switched to another computer. I have a 1080p monitor and a 4k monitor. What factors affect this?

Is it mostly the monitor?

Is it inherent to the KVM?

Is there anything I can do to make it faster?

Obviously, 3. - Switch from Win10 PC to Win 11 PC: Monitor goes black for 5 seconds, then the Win11 desktop displays. Does it take 3 or 5 seconds (which is within normal range) or it would take up to 7-10 seconds of time to switch from one computer to another?

The smooth switching would be critical to your user experience when you really need to switch between multiple computers and you want to work on them. Then the monitor must acquire the video signal from the second computer. This process works - but the time the display spends as a blank screen can be as many as 12 seconds. That long delay is what I'm curious about, and it is the reason I am posting this post.

Article Content

KVM time to switch inputs

Obviously, 3 seconds is not a huge deal, but the closer it could be to instantaneous would be preferable. My LG monitors switch faster than my awful CoolerMaster GP27U, but the

Question

Switches both PCs in about 2.5 seconds. They all seem to have a delay of some sort but some are better than others. I have several TESmart KVMs in use across different systems and they

2 Port KVM switch slow to switch

Hi, I have a 2 port Startech KVM switch (SV211HDUA4K) when we attempt to switch between computer 1 to computer 2 and vice versa it takes about 8-10 seconds to load the other

KVM Switch Checklist: How Shall You Test a New Product?

One of the primary functions of a KVM switch is to seamlessly switch USB peripherals between connected computers. To test this, ensure that your keyboard, mouse, and any other USB

With KVM switch it can take up to 12 seconds for the display ...

Video switching delay is caused by the KVM switch that did not provide EDID emulation/ feeding to all connected systems of the KVM switch.

KVM switch delays | DPReview Forums

Yes, I figured that the 5 second delay is being caused by the HDMI handshaking (EDID - Extended Display ID) each time the KVM is switched. I've read that it might be overcome by installing

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: Key Technologies and Considerations

For individual users, the faster switching speed (shorter switching time) will greatly improve the user experience, making users switch between multiple computers more freely and

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 to competitive gamers. Cheaper or older KVMs can add noticeable

HDMI KVM switch switches instantly for some people, takes 10

For me and the other half of owners it takes 10 seconds on average to switch from 1 PC to another, or even to switch away and back to itself. I've tried it on 3 Windows machines so far, old and new,

8 Best KVM Switches (June 2026) Expert Reviews

Managing multiple computers from a single desk used to mean juggling keyboards, swapping cables, and dealing with a tangle of wires everywhere. I spent months testing the best

How KVM-over-IP Works: Technical Guide

Learn how KVM-over-IP enables remote server access over networks. Discover key differences from traditional KVM switches. Read the full guide now.

9 Best 4 Monitor KVM Switch | 4 Screens, 1 Keyboard, Zero Lag

The SABRENT SB-TB4K takes a fundamentally different approach from the HDMI-based units: it is a Thunderbolt 4 peripheral-sharing switch for two hosts, supporting up to 40Gbps data throughput. It

10 Best KVM Switches for Dual Monitor Setups (April 2026) Top Tested

Best KVM Switches for Dual Monitor Setups in 2026 This comparison table includes all 10 KVM switches we tested for dual monitor setups. I have included key specifications like port types,

DisplayPort 2.1 Monitors and KVM Switches: UHBR, DP80, DSC, and

A DP 2.1 monitor does not automatically require a DisplayPort 2.1 KVM today, and a mature DisplayPort 1.4 DSC KVM can still be the more practical choice for many high-refresh-rate

10 Best KVM Switches for Dual Computer Workflows

Discover the best KVM switches for dual computer workflows in 2026. We tested 10 models from budget \$18 options to premium USB-C switches with

10 Best KVM Switches for Gaming PCs (March 2026) Complete Guide

Discover the best KVM switches for gaming PCs in 2026. We tested 10 models for high refresh rate support, low latency, and reliable performance.

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