

# KVM Switch Dual Network Cable Connection



## Article Overview

A dual-network or dual-video KVM setup requires connecting two video cables and one USB cable per computer to the KVM switch to enable dual-monitor support and seamless switching.

### Understanding Dual Connections

For a dual-monitor KVM switch, each computer must have two video outputs (HDMI, DisplayPort, or DVI) connected to the KVM switch. This allows the KVM to extend the desktop across two monitors for each system. Additionally, a USB connection is required for keyboard and mouse control. If your computer lacks sufficient video ports, you may need a PCI graphics card with dual outputs or a DMS-59 adapter to provide the necessary connections .

### Cable Requirements

- **Video Cables:** Each computer requires two video cables corresponding to the KVM switch's input ports. For HDMI, use Premium High-Speed HDMI cables for 4K at 60Hz or Ultra High-Speed HDMI cables for 4K at 120Hz or 8K . For DisplayPort, ensure the cables support the desired resolution and refresh rate.
- **USB Cables:** Connect each computer's USB port to the KVM switch to enable keyboard and mouse control. USB 3.0 cables are recommended for high-speed peripherals .
- **Adapters:** If your computer's video output type differs from the KVM input, use ap...

## Article Content

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Displayport KVM Switch 2 Monitors 2 Computers 8K 60Hz 4K 120Hz Dual Monitor USB 3.0 KVM Switches for 4 USB Devices, Wired

KVM Switch Frequently Asked Questions

The Ethernet Port is the one connecting the KVM-Over-IP Switch to your network. The other RJ45 ports are the CPU Ports that

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Find instructions to setup KVM on your Dell monitor. Dive into our comprehensive guide to setting up and troubleshooting KVM for

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Start by ensuring everything is unplugged from the KVM, including power, and leaving it all disconnected for 10 seconds. Turn off all

## Contact Us

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