

KVM Switcher Project



Overview

It offers a flexible alternative to commercial switches with features like a persistent USB connection for undetectable switching, a built-in mouse jiggler, and a design that separates keyboard/mouse control from video switching. Written in plain C for easy adaptation. · GitHubGitHub - serg987/KVMego-DIY-KVM-Switch: A modular DIY KVM switch using an ATmega2560. Despite their popularity and relative simplicity, however, KVM switches are fairly expensive — easily hundreds of dollars for a model designed for several. Having used KVM switches at work for a few years I have been looking for a cheap and expandable KVM that can grow as my collection of machines grow; every time I get a KVM that can do the job another computer comes my way! At present most of my machines have their own monitors so video switching is. A very simple and powerful KVM over IP based on Raspberry Pi which you can make with your own hands. All you'll need is a Raspberry Pi 4 or Zero 2 W, a video capture device, a few electronic parts, and some free time for DIY. 264 video, a bootable CD/DVD/Flash emulation and. KVMego is a do-it-yourself, modular KVM switch designed to overcome the limitations of commercial off-the-shelf solutions. With some basic knowledge about Raspberry Pi.

Article Content

May 02, 2026

How to Build Your Own Raspberry Pi KVM

With some basic knowledge about Raspberry Pi and electronic circuits, you can create a functional KVM switch that allows you to control multiple computers

Dec 03, 2025

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Best Monitors With Built-in KVM Switch [2026 Guide]

Looking for a monitor with a built-in KVM switch? Check out the best models currently available and everything you need to know about them!

Nov 17, 2025

6 Best Free and Open Source Software KVM Switches

Linux has a good range of software-based KVM switches that let you share a keyboard and mouse without needing to purchase a hardware KVM.

Nov 30, 2025

Pi-KVM: A KVM Switch Project on Raspberry Pi

Pi-KVM is a suite of programs and instructions to convert a plate Raspberry Pi into a fully functional IP-KVM switch. The board connects to the server's HDMI / VGA and USB ports for remote control,

May 18, 2026

Set Up KVM Switch With Dual Monitors

How to set up and use a KVM switch for 2 computers and 2 monitors seamlessly - no tech skills needed. Updated to reflect current gear + workflows.

Dec 16, 2025

How to Build Your Own Raspberry Pi KVM

With a KVM switch, you have full remote access to all your computers and servers, even non-booting ones. Build your own KVM with a Raspberry Pi.

Jul 06, 2025

6 Best Free and Open Source Software KVM Switches

This roundup focuses on software that mimics a hardware KVM switch. Use a single keyboard and mouse to control multiple computers by

May 25, 2026

KVMego: A modular, undetectable KVM switch with a

Build a modular DIY KVM switch with undetectable switching and a mouse jigglers. Keep all your computers awake and instantly accessible.

Jul 29, 2025

How to Build a KVM Over IP with Raspberry Pi

Pi-KVM prototype v3 without case (Image credit: Tom's Hardware) What You Need to Build a KVM Over IP with Raspberry Pi Raspberry Pi 4 or

Jul 11, 2025

How to Build Your Own Raspberry Pi KVM

Learn how to create a Raspberry Pi KVM switch to easily control multiple computers from one keyboard, monitor, and mouse. Building your own Raspberry Pi KVM (Keyboard, Video, Mouse)

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Pi-KVM: an inexpensive KVM over IP

Building my own IP KVM with a RaspberryPi, an inexpensive USB video capture device, and the awesome project, Pi-KVM.

Sep 11, 2025

Cheap DIY 8 Port IP KVM on a budget

Building a cheap IP KVM using open source software and Raspberry Pi. We recently had a small server outage in work. Nothing mission critical, it was

Oct 19, 2025

What Is a KVM Switch and Why Use It?

Learn what a KVM switch is and discover how integrating one can streamline your tech setup. Find the right switch to optimize your workspace!

Sep 15, 2025

\$69 KVM over IP module allows you to control any

Plenty of crowdfunded campaigns fail to draw enough pledges to turn a project into reality, but that isn't the case with JetKVM, a \$69 next-generation

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Here's How You Can Make Your Own KVM Switch to

Here's How You Can Make Your Own KVM Switch to Control Multiple Computers For power users with multiple computers, KVM switches are

Feb 19, 2026

How to Build Your Own Raspberry Pi KVM

A KVM (keyboard, video, mouse) switch allows users to remotely access their systems or computers, even if they can't boot. While you can always

Dec 20, 2025

Arduino K(V)M Switch

Having used KVM switches at work for a few years I have been looking for a cheap and expandable KVM that can grow as my collection of

Feb 20, 2026

KVM over IP

With our modular PiKVM Switch, up to 20 hosts can be connected to a single PiKVM. It also offers independent power management for each host. Flexibly increase

Feb 08, 2026

Pi-Cast KVM Switch

When I designed the Pi-Cast project I was looking for a KVM switch to work with it, but most KVM switches on the market only switch the HDMI and

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