

# **KVM switcher fails to boot**





## Overview

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To resolve this problem, try powering off and then restarting the KVM switch when everything is connected in the setup. Now if I select PC1 on the KVM, and either turn it on and re-boot it leaving it selected, it will boot correctly and I can login on the console / through X and everything works correctly. Has anyone else had any issues recently with Windows 10 and KVMs?

It seems like in the past two or three months that some of my HP workstations will not boot if hooked up to a KVM, they freeze on boot. Firmware attempted to boot from the virtual disk but: This message comes from firmware (not Linux). In KVM environments, firmware is provided by: `00 20`  
First Investigation: Is the Disk Corrupted?

We checked: That immediately ruled out: `00 20` Lesson: Always inspect disk structure before guessing. But, when I have my KVM plugged into one of the ports on the USB Controller, the VM boot does not get past the VMWare splashscreen. BdsDxe: starting boot0001 "UEFI Misc Device", i made some debug and found the kvm vcpu is blocked at the KVM\_RUN operation which means the vcpu is working on windows VM jobs but it seems VM fails to bootup.



## KVM switcher fails to boot

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### virtualization

Recently I installed several VMs (of some Linux distributions) under KVM/Qemu on my (19.04-)system. They worked just fine, but only one time, immediately after installation. Once I shut them down,

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### Windows and KVM issues

Has anyone else had any issues recently with Windows 10 and KVMs? It seems like in the past two or three months that some of my HP workstations will not boot if hooked up to a KVM,

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50km/spool



### Troubleshooting Common KVM Issues Across Distributions

Optimize your KVM setup for Google using practical troubleshooting examples & steps for common KVM issues across Linux distributions.

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### Windows 10 in KVM: change boot disk to Virtio

I have installed a Windows 10 virtual machine using an IDE disk and would now like to change the disk to use the Virtio driver. For other versions of Windows, the approach in this question seems t



### **KVM switch problem**

I can once booted use the KVM to switch to PC 2 or 4 without problems and switching back works correctly. The monitor type and resolution IS detected correctly so I am fairly certain that

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### **fix KVM switch issues**

Most KVM switch issues are easier to fix than you might think. Many problems stem from simple things like loose cable connections, outdated firmware, or minor compatibility glitches between your devices

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### **QEMU-KVM UEFI Secure Boot doesn't work**

@Daniel B: With physical UEFI Knoppix shows "Failed to start loader" (like you can see on my URL link). With QEMU UEFI goes directly to Knoppix

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## **if=virtio "BIOS: could not read the boot disk" , Windows**

I have tried everything, but the qemu-system-x86\_64 does not boot with virtio, while other side loading devices like additional drivers are successfully loaded with virtio drivers (the driver is

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## **Installation under KVM fails at first boot, "No Bootable Device"**

Installation under KVM fails at first boot, "No Bootable Device" Problems Installing or Upgrading pfSense Software 2 Posts 1 Posters 2.5k Views J

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## **Troubleshooting keyboard problems when connected to a KVM switch**

Learn about troubleshooting the KVM switch on a 1x8 and 2x8 Console Manager. Before beginning this isolation procedure, invoke the OSCAR interface on your monitor. The OSCAR interface uses step



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## **"No Bootable Device" Error in KVM for Windows VMs**

Learn how to fix the "No Bootable Device" Error in KVM for Windows VMs. Our KVM Support team is here to help you with your questions.

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## Windows and KVM issues

This is a known issue with newer PCs. The KVM switch doesn't report to BIOS exactly as a keyboard, so the initial startup during POST will get interrupted. I've seen it on HP, DELL, and ACER.

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## Common Problems with KVM Switch & Solutions (PART

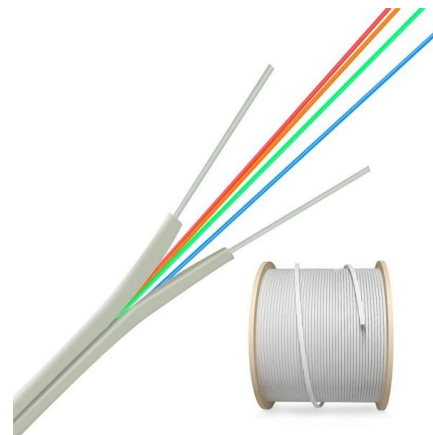
However, when using a KVM switch, you may encounter some common issues. We will now introduce some of these problems and provide

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## How to Troubleshoot KVM Passthrough Preventing VM Boot

KVM: Rextron 4 Ports 8K DisplayPort 1.4 KVM Switch With USB 3.2 Gen 1 (PAAG-E3114B) Host OS: VMWare vSphere ESXi 8.0 Update 1 Guest OS: Windows 10 Enterprise 22H2 x64 (also tried with

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

Why Isn't My KVM Switch Working? Let's Troubleshoot! Most companies now apply a hybrid working policy. A KVM switch

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## How to Troubleshoot KVM Passthrough Preventing VM Boot

I've tried unplugging all of the USB peripherals from the KVM while booting, but the problem remains. This leads me to believe that the problem is specific to the hubs built internally into the KVM.

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## "No Bootable Device" Error in KVM for Windows VMs

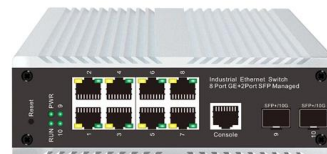
The boot sequence involves checking each defined device (hard disk, CD-ROM, network) in a particular order until a bootable device is found. Unlike

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## QEMU/KVM GPU Passthrough: Attaching PCI host

Journalctl, dmesg, and even virtlog.d turn up nothing. I only know I have a boot problem because switching video to ramfb will let me see the boot

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## Troubleshooting Random Blackouts/Disconnects with KVM Switch

Experiencing random blackouts or disconnects while using a KVM switch? This article will help you troubleshoot the issue, discussing potential causes such as overheating, low power,

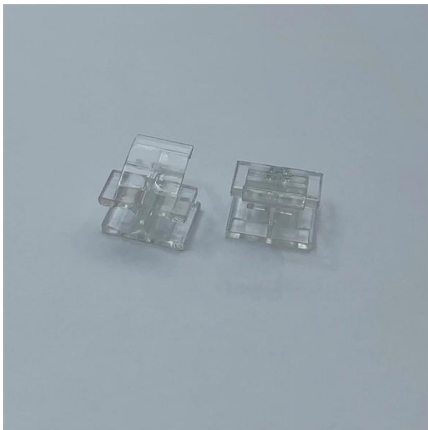
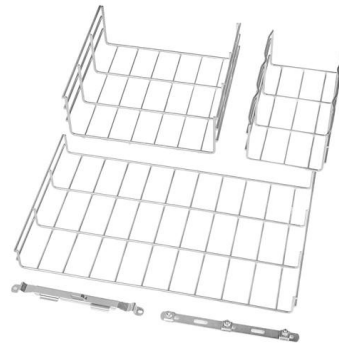
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## Troubleshooting KVM Issues

? What Level You're At Now You moved from: "VM won't boot" To: Debugging firmware, UEFI NVRAM, partition schemes, and GRUB inside KVM. That's real infrastructure-level

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### **windows 11 build on qemu+kvm and ARMv8 device can not start if the**

as my investigation, it seems the VM image is corrupted when the qemu is shutdown abnormally since if i change a pure image then the VM will bootup successfully.

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### **How to Troubleshoot Your KVM Switch? #kvmswitch #troubleshooting**

Frustrated with your KVM switch causing problems? Whether it's no image on your monitor, USB devices not working, or hotkey switching failing, these issues can be a real headache. Don't worry

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### **Unable to boot when enabling KVM module in Linux Kernel / Kernel**

I am having some difficulties to troubleshoot the problem since : - I cannot check dmesg since I cannot boot - I don't find any journalctl entry related to the failed boot The only thing I manage

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### Solved: KVM Console

Hi, I'm trying to connect to KVM Console but I'm getting "Connection failed". I've read the other posts in the forum with the same problem but I can't solve it. Anyone can help me? Thanks.

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### KVM windows 11 guest won't boot when `bus="sata" and address type

I don't know what they mean in that discussion, because a change of a boot drive type occurs very frequently when working with virtualization. The conclusion they made is clearly wrong; I

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### Windows 11 on QEMU-KVM refuses to boot after AzureAD join via

I'm trying to get some Windows 11 VMs to join AzureAD by way of Autopilot. This works as advertised, until I reboot. Normally, when you reboot Windows 11 (prior to Autopilot), I get TianoCore splash

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