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kingvurora

Looking for a KVM switch or similar device to handle 4 monitors and 2 machines.

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I have Two PC's at one desk with 4 Monitors. Both PC's have separate owners so ideally when one PC is off I would like to have the device be able to switch to Input 2 and have the second PC output to all 4 monitors in extend mode not mirrored mode. I have found one that does up to 3 monitors but have not found one for 4.



4



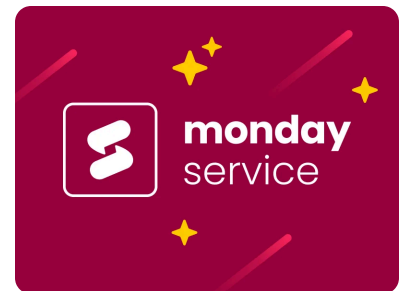
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You can **stack two of [these switches](#)** to become a 4 monitor DP1.4 KVM switch. Most of the high-end GPU cards will have 3x DP 1.4 and 1xHDMI video output ports on it. So, picking DisplayPort 1.4 KVM switches for 4 monitor sharing should be **the ultimate setup solution** - you just need to add one active HDMI-to-DP adapter for the HDMI video output on the GPU.

** If want to use HDMI KVM switch solution, L1T has good KVM switch for it.

However, if you want to use DisplayPort 1.4 KVM switch solution, then it's DP1.4 KVM solutions are not recommended for **lack of built-in DisplayPort 1.4 EDID emulation and full-time EDID feeding**, and **the core of them are built with HDMI-to-DisplayPort multi-stage converting that can not 100% process native DisplayPort full-bus full-range protocols**. Total color matching and calibration with those DP KVM switch models are simply impossible.

So its DP1.4 switches look cost less than the advanced DDM-class DP1.4 switches at first, put you don't want to compare Apple with Orange. In order to have L1T DP1.4 KVM switch to provide sharing 4 monitor and enable the function of EDID emulations and feeding to all connected systems (in this case, 2 PCs), you need to add 8 x external DP/HDMI EDID emulator (each emulator will cost around USD\$200 or \$215 with additional cables) That is additional cost of USD\$1,600 (\$200x8) ~\$1,720(215x8) on top of the KVM switch cost \$750 (not including cables). $1,600+750=2,150$ will be one L1T DP.14 KVM switch with EDID emulation (not including any DP-DP cables from PCs to KVM switch and from KVM switch to monitors yet).

** EDID emulation / feeding functions are the most important functions to provide uninterrupted multi-workflows operations for professional users.

* So, **I recommend using L1T's HDMI KVM switch, if you want to pick HDMI sharing solutions** for most of L1T's HDMI KVM switches DO have HDMI EDID emulation built-in. However, their DP1.4 KVM switches do not have EDID emulation built-in. So, the DP 1.4 KVM switch line from L1T ARE NOT recommended at all. They're HDMI KVM switches are one of few best HDMI KVM switches currently.

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It isn't cheap, but I highly recommend the level1tech KVM's. I use a 3-monitor 2 PC version for switching between a gaming PC and a macbook pro laptop.

I have high refresh rate screens with g-sync and it all works. It can switch by using a key sequence on the keyboard if you don't care about n-key rollover. Otherwise there's a button you can use on the unit.

Here is the 4 monitor version:

<https://www.store.level1techs.com/products/p/14-kvm-switch-quad-monitor-2computer-t6dr4-6cwaa>

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KVM switch for 2 desktops using the same 3 monitors?

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I recommend this KVM switch.

4 comments



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