Subject: 3 Monitors
Posted by _SSnipe_ on Mon, 17 Jan 2011 09:00:56 GMT
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Quick question, if my video card has 2 DVI connections and 1 HDMI could I run 3 monitors?

Subject: Re: 3 Monitors
Posted by nikki6ixx on Mon, 17 Jan 2011 18:43:32 GMT
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No. Limitations with nVidia's cards mean they cannot support three displays at once. You can hook three screens in, but only two will work.

You'll need a second video card to have three displays.

Subject: Re: 3 Monitors
Posted by _SSnipe_ on Mon, 17 Jan 2011 21:50:24 GMT
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So with dual cards can we have 3 or 4 monitors ?

Subject: Re: 3 Monitors
Posted by nikki6ixx on Mon, 17 Jan 2011 23:21:07 GMT
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Yeah, although four monitors won't work too well for nVidia Surround.

If you just want a larger Windows desktop, I believ you can just use a second nVidia card. It can be a cheap 8400GS, or 9600GT if you desire. But games will not run on all three monitors, just your primary one.

If you want a game to run on three monitors using nVidia Surround, then you need two matching cards in SLI. I'd tread carefully. I've been playing with Surround, and haven't been too thrilled with the results. Plus, it's very finicky about the monitors you use and their refresh rates, and sync polarities. I spent quite a lot of time researching my options, and I'm thinking I'll be returning my third monitor because of the hassles.

Subject: Re: 3 Monitors
Posted by slosha on Sun, 23 Jan 2011 01:06:01 GMT
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nikki6ixx wrote on Mon, 17 January 2011 12:43No. Limitations with nVidia's cards mean they

cannot support three displays at once. You can hook three screens in, but only two will work.

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You can't be serious? Is it like on ATI cards where you can only utilize 2xDVI or 1xDVI and 1xHDMI, then using a display port for the third? Or can you not use three at all?

Subject: Re: 3 Monitors
Posted by nikki6ixx on Sun, 23 Jan 2011 02:09:06 GMT
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Glock wrote on Sat, 22 January 2011 19:06nikki6ixx wrote on Mon, 17 January 2011 12:43No. Limitations with nVidia's cards mean they cannot support three displays at once. You can hook three screens in, but only two will work.

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No, nVidia's architecture is different than ATI's. You can hook three monitors, 2xDVI and 1xHDMI at once, but only two can be enabled at a time.

Depending on your viewpoint, it's not necessarily a bad thing. If you aim to game with three monitors in a Surround or Eyefinity environment, a second card is almost necessary if you want an enjoyable experience. After all, just because a 5670 will run three monitors does not mean it will do it well. However, for more general purposes, AMD's solution is superior.

Subject: Re: 3 Monitors
Posted by _SSnipe_ on Sun, 23 Jan 2011 11:17:04 GMT
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nikki6ixx wrote on Mon, 17 January 2011 15:21Yeah, although four monitors won't work too well for nVidia Surround.

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A cheap one with sli?

Subject: Re: 3 Monitors
Posted by nikki6ixx on Sun, 23 Jan 2011 19:11:06 GMT
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No, SLI only applies to cards that are exactly the same, and increases performance in games. You need an SLI 'bridge' connector for it to work.

A cheap card that is paired with your GTX 460 will not boost gaming performance, but it will let you use three or four monitors to display your Windows desktop. However, if you play a game, only one monitor that is hooked up to your 460 will display the graphics.

So: If you want a game that spans three monitors, you need a GTX 460 that is exactly like yours in specification.

But, if you just want a large Windows Desktop, then you can likely use a cheap nVidia card.

Subject: Re: 3 Monitors
Posted by Creed3020 on Wed, 26 Jan 2011 01:59:24 GMT
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http://www.amd.com/US/PRODUCTS/TECHNOLOGIES/AMD-EYEFINITY-TECHNOLOGY/Pages /eyefi nity.aspx

I personally have a AMD Radeon 6850 with three monitors and it looks great with all three going. This technology can use up to 6 monitors per one card, of course this depends on which AMD card you purchase. The driver software lets you group monitors and it makes this group appear as only one monitor to the OS, it just has a huge resolution.

My only problem is that I cannot do it all the time because I do not have the desk space for all three (I had to put one on a lower side table next to my computer desk during testing).

Subject: Re: 3 Monitors
Posted by _SSnipe_ on Wed, 26 Jan 2011 14:26:27 GMT
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Creed3020 wrote on Tue, 25 January 2011 17:59
http://www.amd.com/US/PRODUCTS/TECHNOLOGIES/AMD-EYEFINITY-TECHNOLOGY/Pages /eyefi nity.aspx

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Damn, I should have gone with an AMD card....

Subject: Re: 3 Monitors
Posted by Jamie or NuneGa on Wed, 20 Apr 2011 23:28:56 GMT
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(SSnipe) -BLU3Y3Z- wrote on Wed, 26 January 2011 14:26Creed3020 wrote on Tue, 25 January 2011 17:59
http://www.amd.com/US/PRODUCTS/TECHNOLOGIES/AMD-EYEFINITY-TECHNOLOGY/Pages/eyefi nity.aspx

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ha ha, depends whether you want a graphics card that can do fancy looking things or one that can give excellant game performance.

Stick with nvidia for all gaming related stuff.
As far as video etc... nividia isn't the best

Edit : just saw date of last post oh well

Subject: Re: 3 Monitors
Posted by slosha on Sat, 23 Apr 2011 07:21:24 GMT
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ImJamie wrote on Wed, 20 April 2011 18:28
Stick with nvidia for all gaming related stuff.
....

Are you retarded?

Subject: Re: 3 Monitors
Posted by _SSnipe_ on Sat, 23 Apr 2011 18:45:11 GMT
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ImJamie wrote on Wed, 20 April 2011 16:28(SSnipe) -BLU3Y3Z- wrote on Wed, 26 January 2011 14:26Creed3020 wrote on Tue, 25 January 2011 17:59
http://www.amd.com/US/PRODUCTS/TECHNOLOGIES/AMD-EYEFINITY-TECHNOLOGY/Pages/eyefi nity.aspx

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Edit : just saw date of last post oh well

No its ok, any feedback is great!

Subject: Re: 3 Monitors
Posted by nikki6ixx on Sun, 24 Apr 2011 21:50:20 GMT
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I gave up on trying to get nVidia Surround working properly. For most people, it is seamless, but not for me. I do believe it may be one of my monitors' EDID being corrupted, though.

However, I don't want to discourage either Surround or Eyefinity. On the few occasions where things worked, it was incredible. Traversing a mountain in Just Cause 2, then jumping off of it made my jaw drop. But you really need to put in the time to make things as compatible as possible; if you just want to play games with little hassle, buy one nice big monitor, and enjoy.

Subject: Re: 3 Monitors
Posted by Gen_Blacky on Wed, 27 Apr 2011 15:48:18 GMT
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Glock wrote on Sat, 23 April 2011 00:21ImJamie wrote on Wed, 20 April 2011 18:28
Stick with nvidia for all gaming related stuff.
....

Are you retarded?

no hes not

Subject: Re: 3 Monitors
Posted by slosha on Thu, 28 Apr 2011 05:14:57 GMT
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Gen_Blacky wrote on Wed, 27 April 2011 10:48Glock wrote on Sat, 23 April 2011 00:21ImJamie wrote on Wed, 20 April 2011 18:28
Stick with nvidia for all gaming related stuff.
....

Are you retarded?

no hes not
Fanboyism generally correlates with retardation.

Subject: Re: 3 Monitors
Posted by Catalyst on Fri, 22 Jul 2011 14:41:26 GMT
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i run 2xATI 6950's, i run 6 screens, using displayport monitors.

if you have the money, do it.

Subject: Re: 3 Monitors
Posted by _SSnipe_ on Sat, 23 Jul 2011 09:58:49 GMT
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Catalyst wrote on Fri, 22 July 2011 07:41i run 2xATI 6950's, i run 6 screens, using displayport monitors.

if you have the money, do it.

So each has 3 monitor connections?