Subject: Modern Computers
Posted by mikeaudet on Tue, 08 Jan 2019 17:57:15 GMT
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Hey everyone,

I'm about to release the 64 bit ASIO driver, and I thought it might be helpful to create a thread for experiences with PARIS on modern PCs to help anyone who is looking to upgrade.

My PC isn't exactly cutting edge at this point, but it runs PARIS very well. It's built around the Asus z97a, which can be found here: https://www.asus.com/ca-en/Motherboards/Z97A/

The z97a is a Haswell/BroadWell motherboard, which puts it several Intel generations back.

I've been researching modern PCI motherboards, and I've come up with these. Note that I have not tried any of them.

https://www.asus.com/ca-en/Motherboards/PRIME-B360-PLUS/
https://www.asrock.com/MB/Intel/Z370%20Pro4/

There are some Ryzen based motherboards with PCI slots, but I've read that there are DPC latency issues with them.

I'm using the old VirtuaVia chassis that Kim kindly found a source for in this thread:

http://paris.kerrygalloway.com/index.php?t=msg&goto=1084
97&S=9990b76b476a454e8243f8c3574ea13f&srch=virtua#ms g_108497

Anyone else want to share their newish setups?

Subject: Re: Modern Computers
Posted by ronj_91602 on Tue, 08 Jan 2019 21:10:48 GMT
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Can't wait thanks for all the good work Mike!!

Subject: Re: Modern Computers
Posted by lastlaf51 on Fri, 22 Feb 2019 00:37:23 GMT
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Perfect timing with the new drivers, as my Paris rig is getting
a new PC for its 21st birthday...it will replace the P4 XP box it got when it was five. Decided to

trust your judgement on
this, and ordered the Asus motherboard you linked above.
Went with an i7-8700-3.20 ghz, 8 GB RAM, a Western Digital
500 GB SSD, and a 1TB HDD.
I see you have suggested disabling Secure Boot. Might there
be any other boxes my pc builder can leave un-checked for this
Paris-Reaper audio-only install?

Subject: Re: Modern Computers
Posted by mikeaudet on Fri, 22 Feb 2019 00:48:00 GMT
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I'd up the memory to 16 GB, but 8 would be fine if not using soft synths.

I'd also stay away from NVIDIA graphics cards. They have a reputation for DPC latency issues.

Keep us posted on your progress!

All the best,

Mike

Subject: Re: Modern Computers
Posted by lastlaf51 on Fri, 22 Feb 2019 02:01:31 GMT
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OK, I'd wondered a little about the RAM, and could easily tell him to give me 16GB...and that motherboard supports 3 screens directly...don't really need a graphics card,or do I? Thanks for the quick response;)

Subject: Re: Modern Computers
Posted by Brian the Folksinger[1] on Sat, 23 Feb 2019 03:48:05 GMT
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hello
been a decade since I posted...
I am trying to revive my PARIS system after maybe 5 years down, had to put in storage and when I got it out and set it up, the computer died. Not sure why, but getting started on trying, and setting up with newer computer gear as well. I have always been Linux based, except for the PARIS computer running W98. Was good enough for my simple needs. I have to go with gifted and salvaged stuff and work with what I have, have a newer Mobo from a friends upgrade, and a lot of salvaged PC parts, as I built my own system back in the beginning.. can see it in the "AK2K"

videos on my You Tube Channel, and in the web journal, PARIS north of the Arctic Circle, on the road, Alaska to Florida. Actually have an old DAW page, from when DAWs were new, as well as the digital video I was doing in 2000. It is all ont the web. last things there I recorded in 2009 and 2010, "Gypsy Lulabye" and "Little Friend"on the music page
http://brianthefolksinger.com/music.html or as the audio under a video from 2009 ok good enough.

But essentially, my needs are simple. I never had a problem on a computer that is probably less powerfull than my phone, though the hottest you could build at the time.
My options and plans:
Don't know why computer died, boot disk failure I seem to recall, was several years ago now, though might have been the mobo or videocard, or just corrosion. If I can get it to work , it will work, as it did before, good enough.
I have this newer mobo, and a rackmount case, and a second PARIS module I bought as a backup when I bought the first, but only ever needed one. So I can build another "desktop" and either shift the old PARIS and studio hardware there (Yamaha synth pci card used as soundcard, Pinnacle/premier digital video card as video card). Or use whatever I can scrounge up for those roles, or the onboard on the Mobo, letting PARIS do the work essentially.
I am building a new core cpu out of a hot laptop, Linux based, to try and be more portable than lugging the rackmount gorilla case all over. Or at least if I do, being able to use the laptop as well in a easier setup and still get work done, even just mixing.
I have some newer windows, had on othe rmachines.. had XP on one, and made a PEbuilder disk I think of it, dont think I had the disk, came with the computer bought used. Have a liscenced disk for W7 64bit came with the new laptop, but I'm running Linux. Have W98 disk!
As BTW, have a M-16DX someone gave me when they upgraded.
I've scanned the posts last couple days and good to hear PARIS is still respected, I always thought it was great, and definitely more than good enough, so I never listened when people told me I should "upgrade"
So! Questions:
1. Has anyone used PARIS somehow under Linux? The one mention I saw looked like it didn't work in a KVM or WINE, though I have just one card and simple needs, seems it might be a stretch, so have to go dualboot, as I have always done till recently, pretty easy, but means I can't run PARIS side by side with the main Linux apps, even possibly Jack it in somehow. But was always good enough that way, could potentially route the signal through both machines as well.

2. Don't know what this new mobo is, though it is fairly new, might find some identifying mark or bar code on it, so, any way to figure out if it will work without just trying?

3. And differences or pro/cons to using XP or Win7? Might have to use both, W7 on one machine and XP on another, but maybe not.

4. I am looking at an external PCI connector for the laptop that goes into the 54pin smartcard slot, any opinions if that would work to put PARIS in an external box and use it with the Laptop? Not sure how fast that connection will be. Anyone ever tried that? Or some other way of using PARIS with a laptop? It would mean not lugging around a desktop at least. Even if I am just mixing.

5. I saw the link to AudioMove. Would probably run under Wine or KVM, so I don't have to reboot just to get a paf file, of do them all. If I can't get the old studio running, and even if I do, still will need to move my .paf archive to linux compatable files, or will one of the Linux DAWs or audio

programs or utilities read them or import them directly? I remember using zaps fixer. But again windows app. But I used to go that route, convert to wav in PARIS then move to the Linuxbox.

6. I saw the mention and looked at Reaper, and it is cool they have a discount price for people like me.. I'm a street musician primarily, and don't make 10K a year, and just record myself. Not sure why I need it if I can make PARIS run, but if I have to run Windows anyway, it might be useful with other aspects? Compared to my Linux DAW? So, seems what was said (already vague) was that is will import or read my old .paf files, does that include importing projects or just the audio files? Is that even possible in any case, to convert project files? I also have a copy of Cakewalk came with the M-16DX.

7. Any other ways people are integrating or using PARIS with linux in their studio, how and why? My system will probably always be linux based, and lerning curves can be difficult, one reason I want to stay with PARIS, and because it works so well.

8. This should probably be a different thread, but curious about modern ways to synch and integrate the digital videocam, especially if I get a newer one, with PARIS, or if they use a different DAw and why, and what/however they use for it instead.. I used to record with both separately, then swap the PARIS audio into the video after mixing it, or work and mix the camera audio in PARIS then return it to the video. Again, it was all new when I started, and integration was not in the picture. But what do people do now practically, as I expect many studios include video tracks as a part of the recording process.

good enough! I am so glad you are still around. I don't have much time, and no money, but I am going to try and start recording again. I really want to do it in PARIS, somehow. Though I can try to get the M-16DX to work as well, and maybe it would work to integrate with hybrid studio, if I need Win for PARIS and have another Win DAW in my studio.
peace
Brian the Folksinger

Subject: Re: Modern Computers
Posted by SummingStrange on Fri, 06 Sep 2019 00:54:29 GMT
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mikeaudet wrote on Thu, 21 February 2019 17:48I'd also stay away from NVIDIA graphics cards. They have a reputation for DPC latency issues.

What's the other brand - is it Radeon?
Are you using a graphics card in your system?

Subject: Re: Modern Computers
Posted by mikeaudet on Fri, 06 Sep 2019 01:17:19 GMT
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AMD are supposed to have very good DPC latency figures.

I'm using the built in Intel graphics.

All the best,

Mike

Subject: Re: Modern Computers
Posted by lastlaf51 on Fri, 06 Sep 2019 11:28:42 GMT
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My new machine is built around the Asus board linked above, and I'm
running an old Phillips 32-inch TV off of the HDMI as my main
screen, plus a pair of 24-wide monitors, all straight from the
motherboard with no video card. Perfect!

Subject: Re: Modern Computers
Posted by SummingStrange on Sat, 07 Sep 2019 20:00:33 GMT
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lastlaf51 wrote on Fri, 06 September 2019 05:28My new machine is built around the Asus board linked above, and I'm
running an old Phillips 32-inch TV off of the HDMI as my main
screen, plus a pair of 24-wide monitors, all straight from the
motherboard with no video card. Perfect!
So you're running the TV off the RGB Dsub output and the two 24's off the HDMI and DVI outputs?

I can only run RGB Dsub plus HDMI/DVI. How is the quality of the screen running off your RGB output?

Subject: Re: Modern Computers
Posted by lastlaf51 on Sun, 08 Sep 2019 15:24:53 GMT
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I've got the TV running off of the HDMI out from the Asus motherboard, with the DVI and RGB outs going to a pair of
24-wide monitors. The 24s don't look exactly the same
but no big deal...plenty good enough for Paris and Reaper.

Subject: Re: Modern Computers

Posted by SummingStrange on Mon, 09 Sep 2019 19:40:50 GMT
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lastlaf51 wrote on Sun, 08 September 2019 09:24I've got the TV running off of the HDMI out from the Asus motherboard, with the DVI and RGB outs going to a pair of
24-wide monitors. The 24s don't look exactly the same
but no big deal...plenty good enough for Paris and Reaper.
Thanks for the info, and you've pretty much convinced me to go with the built in graphics to start off, I can always add a card later. Cheers

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Subject: Re: Modern Computers
Posted by Rich.Kelley on Thu, 10 Oct 2019 15:13:41 GMT
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What are folks doing for a multi-card set-up? I have a four card rig running on an ancient system and I'd be interested to upgrade.

Subject: Re: Modern Computers
Posted by mikeaudet on Thu, 10 Oct 2019 17:22:57 GMT
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I'm running 4 cards in the Virtua Via chassis. Works great. No PCI slots on the motherboard needed (Just one PCIe).