
The new Rig..

Posted by nayr - 2007/10/04 20:36

Sup guys, been a while.. Things are going good up here in Denver and I got the VW up to 400whp/424wtq then took it on a 5k mile vacation.. well anyway, I wanted some feedback on the new rig I am building to replace my ageing Athlon XP 2600+.. The idea is to start off with a nice strong workstation that I can slowly upgrade to a monster as various prices drop.. Remember I am not seeking gaming performance.. It will only run linux natively. I plan on doing alot of work in VM's and massive multitasking (multi-heads multi-inputs = multi-users)

Stage I:

- * Lian-Li PC-V2100 Plus II Quiet Aluminium Full Tower
- * Thunder n6650W (S2915-E) w/SAS (http://www.tyan.com/product_board_spec.aspx?pid=541)
- * Opteron 2350
- * Thermatake Toughpower 750W
- * Dual Raptor 150GB Striped
- * 2GB Kingston ECC Reg DDR2 667
- * EVGA 8600GT 512M DDR3
- * Zalman 9500 AM2 Heatsink
- * Plextor 18x SATA DVDR
- * 1.5TB Storage array from my Arkhive file server

Stage II:

- * Acronova DQ-5610D DupliQ-USB CD and DVD Duplicator - 25 Discs Capacity
- * Opteron 2350
- * 2GB Kingston ECC Reg DDR2 667
- * BenQ 20" Widescreen LCD

Stage III: (Dependant on Xorg 7.4)

- * 2GB Kingston ECC Reg DDR2 667
- * EVGA 8800GTX 768M DDR3
- * EVGA 8800GTX 768M DDR3
- * BenQ 20" Widescreen LCD
- * BenQ 20" Widescreen LCD

Stage IV:

- * 5-10TB Upgrade
- * Replace autoloader's dvd drive with blueray
- * Mebe watercooling?

The motherboard and cpu's are not going to be widely available until November or December so in the meantime I am ordering stuff I can use on my current shitbox.. I ordered the Lian case today, cant wait til it gets here! Finally I wont have a but ugly ass tower :P The rest of the stuff I can get a few blocks away at MicroCenter and get this, CHEAPER THAN NEWEGG!!! I already checked and they have the video card, harddrives, dvd burner, and powersupply for cheap enough that the cost of taxes is at least as much as newegg if not less in most cases.

Thats it for now, I'll postup pictures as the build progresses..

-Ryan

Re:The new Rig..

Posted by Nimda79 - 2007/10/05 16:28

You should get some Seagate Perpendicular drives, they already out perform the raptors so that would just be a waste of money.

Also DDR2 800 would be much better if not 1066. Gotta love the prices of ram right now!

Just my 2cents.

PS. Why get 2 monitors when you can get 3 :evil:

Re:The new Rig..

Posted by nayr - 2007/10/05 17:43

Actually idea is 4 monitors :)

Screw both drives, im getting a pair of these bad boys..

SEAGATE 15K.5 73GB SAS ST373455SS

[http://cgi.ebay.com/SEAGATE-15K-5-73GB-SAS-ST373455SS-for-PowerEdge-](http://cgi.ebay.com/SEAGATE-15K-5-73GB-SAS-ST373455SS-for-PowerEdge-2950_W0QQitemZ180163611049QQihZ008QQcategoryZ71511QQssPageNameZWDVWQQrdZ1QQcmdZViewItem)

[2950_W0QQitemZ180163611049QQihZ008QQcategoryZ71511QQssPageNameZWDVWQQrdZ1QQcmdZViewItem](http://cgi.ebay.com/SEAGATE-15K-5-73GB-SAS-ST373455SS-for-PowerEdge-2950_W0QQitemZ180163611049QQihZ008QQcategoryZ71511QQssPageNameZWDVWQQrdZ1QQcmdZViewItem)

Re:The new Rig..

Posted by nayr - 2007/10/25 02:28

ok so ive made some progress..

Scored me the Lian-Li V2100+ and added a pair of SilenX 14dba/32cfm 80mm fans

PC Power & Cooling Silencer 750W Quad SLI PSU

New Apple Keyboard

New Computer Desk

and a little extra ram and new quiet heatsink for existing board/cpu

and a 20x Samsung SATA DVD-RW since my last 2 lighton's have took a shit..

obligatory pix:

http://lh6.google.com/dreadlocks/RyBB1pAX-II/AAAAAAAAAFqY/aHradkd-fl8/s800/100_3027.JPG

http://lh3.google.com/dreadlocks/RyBB15AX-ml/AAAAAAAAAFqg/-n64-E9s-3k/s800/100_3029.JPG

http://lh5.google.com/dreadlocks/RyBDkZAX-ol/AAAAAAAAAFrM/6vM4EVQd0dY/s800/100_3025.JPG

http://lh4.google.com/dreadlocks/RyBEYJAX-pl/AAAAAAAAAFr0/JxYeHXs_ZG4/s800/102507.png

my new motherboard wont hit the streets for another month or so, but until then if you look around you can spot a couple other projects to keep me going :blink:

I learned 99% of my noise is coming from my nvidia card, must find a passive or quieter way to cool it before it goes in the livingroom..

Re:The new Rig..

Posted by SciManAI - 2007/10/25 15:02

All I will say is sweet.

Looks good, I second the perpindicular drives, put those is raid0... if using vista get a large CF card to use for cache management... cheap and HUGE increases in performance....

Re:The new Rig..

Posted by freakshow - 2007/10/25 18:22

freakin sweet dude!!! i love the desk to its awesome lol

Re:The new Rig..

Posted by nayr - 2007/10/25 20:51

Vista wont ever run on this machine, not even in a VM.. and board supports 16GB ram so id rather just make a multi-gb ramdisk for drive caching if I need it.

For drives I have my mind set on a pair of 150GB Seagate Cheetah 15.5K SAS drives..

Here is a review of the drives:

http://www.storagereview.com/articles/200609/ST3300655LW_1.html

Throughput is 135MB/s on the outside and 82.6MB/s on inside of platter putting the average speed above 100MB/s.. a pair of them in a stripe would be blazing and 300GB of storage is enough for os/applications/userspace/vms.

Ive got room for 6 more drives without beginning to utilize any of the 5 large bays up top and the board im getting supports 8 SAS ports & 6 SATA ports (plus I have a 4 port sata card)

The case is COOOL and PSU is best you can buy.. ventilation is great and I am not the least bit concerned about having heat or power issues when this is housing 8 cores, 16GB ram, and 12+ hdd's.

Im going to hitup microcenter in a few days and pickup an Artic Cooling Accelero S2 passive vga heatsink which should let me overclock my 6600GT a little bit and make this computer as quiet as a mouse..

Computer Desk is from Office Depot, on sale for \$100

If you look in the 3rd pix you can barely see the edge of a bucket next to sub and trash can.. that bucket holds 6 100ml ink bottles that are fed up to my Epison printer.. I can print hundreds of 8.5x11 full photos at the highest quality and still have ink to spare.. cost like \$130 from InkRepublic.com and combined with the disk printing ability of the Epson R320 its a pretty sweet setup.

oah ya, the new Apple keyboard fucking rocks!! Ive got to get the bluetooth one for my HTPC

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