

ZeusBox

Written by Benjamin "Zeus" Heide

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This is my case. I got it in Calgary for \$75.00. It came with a 250watt power supply. Not bad.

What I am hoping to show on the next few pages will create some unrest in you as you see how amazing a computer can look; never mind the awesome gear you have inside.

One of the primary reasons I started to mod my case was because it got very warm inside. My inside case temp would climb into the high 20C's and even into the low 30C's. It doesn't really matter how good of a HSF you have, if it is trying to cool the processor with already hot air, you won't gain much.

Now that I've modded this baby, I'm seeing inside case temps the same as room temperature. My 1.4GHz Athlon AYHJA processor generally stays around the 36-40C range. Before all my modding, I could expect to see, high 40's, and even low 50's. Not good. Now it is much better.

Here are some pics of my case now that it's customized. It's hard to believe that this is the same case that is on the previous page . . . I assure you that it is.

If you have visited my old site, you will notice some things have changed on my case. First, it is darker. I repainted with a better quality paint, as the other paint was getting quite scratched up from packing my rig to LAN parties. Second, my Baybus is now in a 5.25" bay instead of the 3.5". I had to do this because I had redesigned my Baybus. The old Baybus included three switches: one for front intake, one for side fans, and one for rear exhaust. This Baybus also has those switches, plus a switch for backlight case lighting, one for an extra heatsink fan, and a momentary DPDT switch for power on - reset.

The Baybus is enclosed in an old cdrom case, and all connections to it are done through a speaker terminal. This is done so that the Baybus can be removed and used in another system

if required.

Here is a close-up shot of my Baybus:

The three switches on the left are SPST that operate fans and super bright LED's. The next switch is for case lighting, and is indicated by a green led when on, and an amber led when off. The next switch is for my HSF, and is also indicated by green-on, and amber-off. The farthest switch on the right is my fav. This switch is to power on my computer when switched up, and to reset when switched down.

I also still have my headphone and mic jacks on the front of my case. These are also incorporated into the cdrom case and can be quickly removed.

I added an oversized fan to the rear of my case to exhaust all of the hot air that this rig produces. The rear fan is a Sunon 120mm 98cfm fan. I also have an Enermax 431watt dual fan psu exhausting hot air. I need some serious case cooling for the hardware I have inside. My rigs specs: 1.4Ghz T-bird @ 1.533 GHz, 256Mb PC133 cas2 Micron ram, 24x10x40x Aopen burner, Toshiba 16x48x DVD. 40GB Maxtor Diamond Max+ ATA100 HD, 1.1GB WesterDigital HD. MSI GeForce2Ti 64MB @ 266/450 (will be modding to all copper cooler, expect speeds to increase), S3Trio (dual monitor support), SBLive!5.1, USB Hardware Modem, DLink 538+TX nic.

All of this gear produces over 150 watts of heat! That's like having two 75watt light bulbs in a tin box and not expecting the box to get warm! Not gonna happen, that why I mod. heh.

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This is my case prior to having a window: not bad. It is sleek, stylish, but, hmmm, it is lacking something. . .

Ahh, that's better. Decals and plexi, what a perfect way to top off a rocking case!