

Forum:[Hack Forums](#)

Thread: [Updated: Gt403cyl vs Computer Professor Core 2 Quad Benchmark War!](#)

You Just Got Sarged - September 9, 2016, 4:09 pm

This thread is created for benchmark wars between Computer Professor, and that old man Gt403cyl. Its something we are doing for fun.

Full video of the machine and benchmarks:

<https://www.youtube.com/watch?v=k-NGldh8C1A>

Gt403cyl - November 6, 2016, 5:23 pm

Here is my build for the bench war!

Pics:

Spoiler ([Click to View](#))

Specs:

Spoiler ([Click to View](#))

[PCPartPicker part list](#) / [Price breakdown by merchant](#)

CPU: [Intel Core 2 Quad Q6600 2.4GHz Quad-Core Processor](#) (Purchased For \$0.00)

Motherboard: [Asus P5QProTurbo ATX LGA775 Motherboard](#) (Purchased For \$50.00)

Storage: [A-Data Premier SP550 120GB 2.5" Solid State Drive](#) (Purchased For \$0.00)

Video Card: [XFX Radeon HD 7850 2GB Core Edition Video Card](#) (\$100.00)

Case: [Sunbeam AC9B-T ATX Mid Tower Case](#)

Power Supply: [SeaSonic EVO Edition 620W 80+ Bronze Certified Fully-Modular ATX Power Supply](#) (Purchased For \$0.00)

Case Fan: [Noctua NF-R8 redux-1800 31.4 CFM 80mm Fan](#) (Purchased For \$0.00)

Case Fan: [Noctua NF-R8 redux-1800 31.4 CFM 80mm Fan](#) (Purchased For \$0.00)

Case Fan: [Noctua NF-R8 redux-1800 31.4 CFM 80mm Fan](#) (Purchased For \$0.00)

Other: [AllComponents 4GB \(2 x 2GB\) 240-Pin DDR2 SDRAM DDR2 800 \(PC2 6400\) Dual Channel Kit Desktop Memory Model AC2/800X64/4096-KIT](#) (\$0.00)

Other: [AllComponents 4GB \(2 x 2GB\) 240-Pin DDR2 SDRAM DDR2 800 \(PC2 6400\) Dual Channel Kit Desktop Memory Model AC2/800X64/4096-KIT](#) (\$0.00)

Total: \$0.00

Prices include shipping, taxes, and discounts when available

Generated by PCPartPicker 2016-11-06 19:51 EST-0500

Liquid cooled with:

Res: <https://www.dazmode.com/store/product/ek-dbay-spin-reservoir-rev3/>

Pump: Laing D5

CPU Block: <https://www.dazmode.com/store/product/ek-supremacy-evo/>

Fittings (8):

<https://www.dazmode.com/store/product/g14-enhanced-multi-link-adapter-12mm-od-rigid-tube-black>

[-sparkle](#)

Tube:

<https://www.dazmode.com/store/product/none-chamfer-petg-link-tube-od-12mm-length-500mm>

Fluid: <https://www.dazmode.com/store/product/x1-clear-100ml>

Rad: <https://www.dazmode.com/store/product/nexxxos-xt45-full-copper-80mm-single-micro-radiator>

Stock results:

Aida64:

Spoiler ([Click to View](#))

Cinebench 11.5:

Spoiler ([Click to View](#))

GTA V Stock Clocks:

Mostly high 1080p:

Spoiler ([Click to View](#))

Min 25fps

Max 55fps

Avg 32fps

CPU bottleneck 100%

GPU 80%

The CPU was pinned at 100% for 90% of the game play, it dropped to 60% from time to time but it's clear it is causing a bottleneck for the 7850 pretty hard.

Overclocked:

Found the best CPU overclock I can get out of this chip, which is still a +50% (1.2GHz) OC so not too shabby!

3.6GHz @ 1.42v - 70-75c

Spoiler ([Click to View](#))

Cinebench 11.5:

Spoiler ([Click to View](#))

GTA V Overclocked:

Same settings as the stock clocks @ 1080p:

Min 31fps

Max 65fps

Avg 35fps

CPU 100%

GPU 80%

The CPU was pinned at 100% again for the majority of the game play, it dropped to 80% from time to time but it's still causing a bottleneck for the 7850 even after the 50% OC.

The minimum FPS went up 6 and the average went up a few frames but still the CPU is the big bottleneck for GTA V.

DOOM Overclocked:

Ultra settings using Vulkan @ 1080p:

Min 17fps

Max 25fps

Avg 40fps

CPU 55%

GPU 99%

It would seem the GPU was the component holding the game back in this test.

3DMark Firestrike:

<http://www.3dmark.com/fs/10769552>

3DMark Skydiver:

<http://www.3dmark.com/sd/4389755>

There will be more to come including some more games.

TRAUMA - November 6, 2016, 5:24 pm

Can you guys run minecraft with mods?

Gt403cyl - November 6, 2016, 5:36 pm

(Nov 6, 2016 06:24 PM)CHAsE Wrote: [\[CITE\]](#) Can you guys run minecraft with mods?

I don't run mods on MC to begin with but I'm sure they would run ok!!

You Just Got Sarged - November 6, 2016, 8:41 pm

You're almost a month late GT403cyl. ?

Chase these machines can play MC with most mods.

Gt403cyl - November 6, 2016, 9:06 pm

(Nov 6, 2016 09:41 PM)Computer Professor Wrote: [\[CITE\]](#) You're almost a month late GT403cyl. ?

Better late than never!!

Can't wait to see how this build does in some games especially the newer ones!

d33l - November 7, 2016, 2:20 am

0.56 points is literally retarded

You Just Got Sarged - November 7, 2016, 6:53 am

(Nov 7, 2016 03:20 AM)d33l Wrote: [\[CITE\]](#) 0.56 points is literally retarded

You're the first one to notice that mate lol. I put it there as a troll placement.

I am waiting for GT403cyl to be ready to release his benchmarks and then I will post my real benchmarks.

TRAUMA - November 8, 2016, 2:30 pm

(Nov 6, 2016 09:41 PM)Computer Professor Wrote: [\[CITE\]](#) You're almost a month late GT403cyl. ?

Chase these machines can play MC with most mods.
i was joking lol

CyberneticTitan - November 8, 2016, 2:33 pm

You guys need to calm the fuck down with these rigs jesus christ.

Gt403cyl - November 8, 2016, 2:48 pm

(Nov 8, 2016 03:33 PM)CyberneticTitan Wrote: [\[CITE\]](#) You guys need to calm the fuck down with these rigs jesus christ.

What's wrong with pulling parts of my shelf and seeing how they do with current software?

Granny Bacon - November 8, 2016, 2:55 pm

I actually looked up the CPU you was using, intel core 2, to see if it was good...

I realised like after 10 minutes that this was somehow a troll lol.

I'm so shit at this :(

Gt403cyl - November 8, 2016, 3:02 pm

(Nov 8, 2016 03:55 PM)Granny Bacon Wrote: [\[CITE\]](#) I actually looked up the CPU you was using, intel core 2, to see if it was good...

I realised like after 10 minutes that this was somehow a troll lol.

I'm so shit at this :(

? No troll.....

I came across an old PC with a Q6600 SLACR and I had 99% of the components to build a PC with it.

The Q6600 wasn't too bad back in the day.

A quad core @2.4GHz that many could OC to 3.6GHz and some up to 4.0GHz.

I will be adding more results when I get home as well as some pictures!

CyberneticTitan - November 8, 2016, 3:16 pm

(Nov 8, 2016 03:48 PM)Gt403cyl Wrote: [\[CITE\]](#) What's wrong with pulling parts of my shelf and seeing how they do with current software?

Maybe I should have included an obligatory /s

Q6600 is pretty dank tho.

Gt403cyl - November 8, 2016, 9:22 pm

Added stock GTA V results, some pics and the overclock results for Cinebench 11.5.

You Just Got Sarged - November 9, 2016, 5:26 pm

Updated the original post for my build.

<https://www.youtube.com/watch?v=k-NGldh8C1A>

Gt403cyl - November 13, 2016, 8:35 am

Added the results of GTA OC'ed.

Added the results of DOOM OC'ed.