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Thread: [4690k OC - Have i hit a wall?](#)

TB12GOAT - April 12, 2020, 12:57 pm

Hey friends, hope all is well.

I have had this chip since 2014 and never OCed it. I thought i would see what its capable of after all these years.

I know this is somewhat of an old chipset, but i hope i can get some answers here. ?

4690k

Gigabyte Z97X Gaming 5

NZXT Kracken x52

Questions:

- Does my current OC look fine?
- Would 4.8 be possible or did i hit a wall? Temps are low right now with my fans/pump maxing out at 80%, so i could possibly save a few C setting them at 100%.
- I have the voltage set manually to 1.275v, why is HWmonitor showing 1.284v with a max of 1.296v?

OCs i have tested:

4.5 @ 1.250: 3 hours testing temps low 50s

4.6 @ 1.250: 3 hours prime 95, bsod few hours after prime testing browsing the web.

4.6 @ 1.275: current OC

4.7 @ 1.290: bsod during boot

4.7 @ 1.3: system boots, idles fine, restart/bsod after a few cinnebench tests.

Current OC:

1.275v

3 hours prime95 v26.6

Max: 63c

Average: 59c

Pic:

Spoiler ([Click to View](#))

Breeze26509 - April 12, 2020, 2:28 pm

1. 4.6 @ 1.275 seems to be pretty good. I've been looking around on Reddit and some people can't crack 4.4 with 1.3v. I would run more stress tests like Asus' Realbench, OCCT and Aida64. 3 hours is a good start on Prime95, but you should run either Prime95 or Aida64 overnight just to be sure.

2. You might be able to pull off 4.7 at 1.35 but I don't think you're gonna get 4.8 without going higher than 1.35.