

Skip to main content



r/radeon



Search in r/radeon

Log In



r/radeon • 10 mo. ago

[deleted]



Those with 7900 XTX? How's your overclock tuning looking like? Why do you or don't you overclock?

Discussion



96



252



Share



Microsoft • Promoted

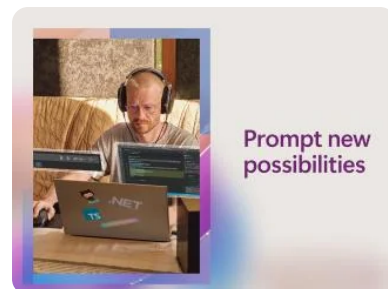


POV: You're building the next big thing with VS Code extensions and GitHub Copilot.



Learn More

developer.microsoft.com



Add a comment

[Skip to main content](#)[Log In](#)**420comfortablynumb** • 10mo ago

Amd driver auto overclock mine to 2950mhz!? Stock on my sapphire mba 7900xtx is 2500mhz. I just set it to 2600mhz @1120mv max temps 67c 82c hotspot 88c memory junction repasted with PTM7950.

25 Reply ...

41 more replies

**Ranel9** • 10mo ago

I don't overclock because at 4k, I can already run all the games I play max.

15 Reply ...

**Mixabuben** • 10mo ago

Withou overclock i was getting around 55 in Alan Wake 2 on 4k, overclock pushed it beyond 60

8 Reply ...

4 more replies

2 more replies

**BudgetPsychology3580** • 10mo ago • Edited 7mo ago

[Skip to main content](#)[Log In](#)

NOT TOUCH MINIMUM CLOCK SPEED, There's people that think RDNA2 and RDNA 3 are the same, they're not. and minimum clock speed does literally nothing except give an ego boost and cause instability.

Then, memory clock and boost clock depends on the card/thermals. Memory is offset by 14 so (2714) is 2700mhz. A lot of people recommend typing in 2750, but as said with the microvolt, it causes instability and stutters depending on the card and has no difference.

So leave base clock alone. Try 1080mv, 3100 Max clock, and 2714 on memory (no fast timing as people claim they use it but performance difference is nonexistent with stability issues) one run of an actual in-game benchmark shows the stutters whether it be fast timing or too high of a speed.

--1080mv. 3100 boost clock. 2700 memory default timing. POWER LIMIT+15---

if you see gpu hotspot temps (not gpu, gpu hotspot temp) toward the 85c range, add a bit of fan curve. Then you're off to the races. Also, Test games NOT just 3dmark because tunes that work on benches DONT WORK ON GAMES.

A few notes: 2750 memory speed on most cards causes visual errors but people insist since it can run without crashing they have to have the extra 30 mhz. No, but try it if you'd like and if it's stable keep it. With microvolatage, if you crash a game turn this value up 5 points at a time. Nothing else needs adjustment from my base settings to be stable. Only thing that matters is your undervolt and temps. Should be fine at 1080, but some cards just don't enjoy it at all and some more than others. I'm here for a tune that long term is stable and doesn't give issues, I could care less about the 1fps they're not getting through all that error correction.

Also, Test games NOT just 3dmark because tunes that work on benches DONT WORK ON GAMES. specifically speaking low undervoltage.

ALSO CAN SEND A LINK TO DERBAUER, JAYSTWOCENTS AND SCATTERVOLT tuning this way for anyone who thinks they need a hand or wants to argue about it for whatever reason.

2 MONTH PROGRESS UPDATE! Edit: I've made interesting new discoveries. 1, changing max boost from 3100 to 3000 not only made it more stable, it fixed a very small error correction issue i've been hunting for perfection. Secondly, memory fast timing WILL work!! With fast timing do not exceed 2684 (2670mhz after the -14 offset) If you run a bench with the memory at 2670, and then run it again at 2700, you'll see no difference but you will see lower 1% fps bc of memory error correction at 2700 FT

2670 mhz fast timing is also faster than 2700 default I've come to discover.

All tuning tested on sapphire nitro xtx and 7800x3d rig with 32gb ddr5 6000.

↑ 8 ↓ [Reply](#) ...

⊕ 5 more replies

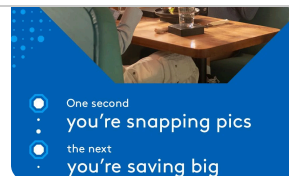


ADT-Official • Promoted



[Skip to main content](#)[Log In](#)[Shop Now](#)

adt.com

**MrPapis** • 10mo ago

I always do it, its part of the game for me. People saying they die faster, dont know what they are talking about. People saying 10% extra performance is neglible is right but my rebuttle is, well why not? The reason i got a XTX over a XT isnt because it changes much in regards to how i can use the card, its just a bit better. OC gives me a bit more for just having fun tuning times. If you dont find it fun yea there isnt much reason, i still think you should do a simple undervolt and a slight memory OC, because you can get better performance for less power that way.

Its a decades old myth that cards die from OC. They can die from poor overlocks that doesnt take into account the extra heat. Becasue increased heat does accelerate the death of a component. But if temperatures are held around stock the actual longevity wont be too negatively affected. Sure there are still a higher stress level and internal temperatures are higher, but the actual degradation in longevity is so little that it wont effect you until the card is irrelevant anyways. Again as long as you are doing reasonable things, aka just make sure its very stable and you wont have taken things too far.

the 7900 series is a strange one i feel like they are still making under the hood changes and the flexibility varies wildy from what game/app. I went away for almost half a year where the best i could do was 1120/30 mv 2900(2800-2825 actual) core 2720(actual) memory. This gave me a decent ~8-10% uplift.

Now i testet it again and i can do 1015 mv in superposition and it will boost incrementally all the way down there.

at 1100mv 2875 set core 2484 actual mem 0+ power i got a score of 23801. (slight OC)

at 1015mv 2900 set core 2684 actual mem +15% power i got a score of 26077. (Moderate OC definitely power limited)

Thats a measurable difference of 9,5%, and i i can do better.

And these low voltages arent just in benchmarks also worked almost in CP2077 with pretty heavy RT on. Though i coult go as low: only 1030mv seemed stable.

Unfortuneatly my settings here are so unique(Mods) its a bad reference so my numbers are irrelevant(81fps built in benchmark at 3440x1440p FSRQ, mix of high/ultra, RT on except reflections, RT lighting medium but using a mod that includes some PT in the RT, looks better than normal RT lighting at ultra, probably also psycho) but 1030mv is stable for gaming.

↑ 12 ↓ ○ Reply ...

⊕ 2 more replies

Psilogamide • 10mo ago • Edited 10mo ago

[Skip to main content](#)[Log In](#)

hotter and draws more power. I also don't undervolt because no matter how light the undervolt is it makes some games crash. Even going from 1150mv to 1140mv will guarantee a crash in BF2042, for example

I don't think I've ever seen more than 5% gains in both in averages and lows from overclocking

⊖ ↑ 21 ↓ ○ Reply ...



Active-Quarter-4197 • 10mo ago

A water cooled 7900 xtx can get about 20+ percent performance from ocing

↑ 3 ↓ ○ Reply ...

⊕ 3 more replies

⊕ 52 more replies



Opteron170 • 10mo ago

📬 Top 1% Commenter

I run my XTX stock unless I replace the cooler won't I don't bother with overclocking.

I generally see it using about 345-350 watts TBP. If I run the power limit at 15% it will hit about 400 Watts.

Running stock voltage 1150 and the software has set Max Frequency to 3035 Mhz.

↑ 3 ↓ ○ Reply ...

⊕ 6 more replies



Zestyclose-Sun-6595 • 10mo ago

I'm finally stable with these settings. 2800 core. 1100Mv. +15%. 2614VRAM default timings. Somewhat aggressive fan curve. It scores a 33k in Timespy and the hotspot never goes over 80C. Haven't experienced a crash in about a month with these settings even in TLOU with SAM enabled. Fingers crossed it stays this way.

↑ 3 ↓ ○ Reply ...

⊕ 4 more replies



AMCPlus • Promoted

The Best of Horror. Start your free trial and indulge in Shudder on AMC+.

[Sign Up](#)

[amcplus.com](https://www.amcplus.com)



[Skip to main content](#)[Log In](#)

According to a few people I know who either 550w bios flashed or EVC, they are being a stock 4090 in GPU benchmarks

So pretty well

↑ 3 ↓ [Reply](#) ...

⊕ 1 more reply



r/PcBuild • 3 yr. ago

What is this noise?

157 upvotes · 49 comments



r/radeon • 17 days ago

Are you going to buy this new generation of GPUs or skip it over it?

198 upvotes · 714 comments



r/PcBuildHelp • 3 yr. ago

New MSI 3060 ti buzzing noise - please help

126 upvotes · 87 comments



PROMOTED



[Skip to main content](#)[Log In](#)

You build the future. We'll handle security.

Create next-gen apps with
responsible AI and built-in security.

[Get started](#)[r/overclocking](#) • 10 mo. ago

Overclocking i5 14400f?

5 upvotes · 11 comments

[r/guitarpedals](#) • 10 mo. ago

Stacking overdrive/distortion: how does it work and what's your experience?

15 comments

[r/radeon](#) • 23 days ago

Is the future of GPUs, Fake frame generation?

222 upvotes · 169 comments

[r/radeon](#) • 4 days ago

What do you think of the RX 9070XT delay?

[Skip to main content](#)[Log In](#)

If AMD is Still Producing 7900XT/XTX, Where Are They?

93 upvotes · 234 comments

PROMOTED

...



r/Amd • 8 yr. ago

Back home to Team Red (R9 Fury)

64 upvotes · 38 comments



r/pcmasterrace • 3 days ago

What's that electrical noise? It sounds like something a bit disconnected. Can't get closer rn sorry.

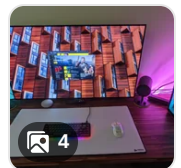
1 upvote · 4 comments



r/sffpc • 4 yr. ago

Starting Off the New Year With My First SFFPC and First Custom Loop [Another NR200P]

135 upvotes · 76 comments



r/RG556 • 10 mo. ago

RG556 Overclocking?

5 upvotes · 5 comments



r/radeon • 18 days ago

[Skip to main content](#)[Log In](#) r/radeon • 8 days ago

difference between the 7900XTX and the 9070 XT

123 upvotes · 234 comments

 r/overclocking • 1 yr. ago

7950x overclocking - good idea? What motherboard?

3 upvotes · 7 comments

 r/AMDHHelp • 1 yr. ago

Do CPU's overclock if the motherboard can't?

2 upvotes · 6 comments

 r/overclocking • 1 yr. ago

I7-8700k overclocking help

3 upvotes · 4 comments

 r/radeon • 21 days ago

People really are falling for fomo here lol..even with cards like 7900xt or xtx..why

121 upvotes · 181 comments

 r/mercedes_benz • 10 mo. ago

What are some things y'all don't like about your w204s?

3 upvotes · 28 comments

 r/ioniq6 • 10 mo. ago

Things you don't like about your ioniq 6?

15 upvotes · 79 comments

 r/radeon • 5 days ago

Why are 7900XTX readily available but anything Nvidia is sold out everywhere?

191 upvotes · 315 comments

 r/radeon • 20 days ago

good news about FSR 4

144 upvotes · 47 comments

[Log In](#)

340 upvotes · 260 comments



r/radeon • 10 days ago

I ❤️ my Ryzen 7800 XT

95 upvotes · 47 comments



r/overclocking • 1 yr. ago

How to overclock? Just got a new 7900 XT and want to try overclocking.

1 upvote · 8 comments

Related discussions

BEST CPU Overclocking Software

Best X399 Motherboard

Best X470 Motherboard

Best RTX 4090 Model

TOP POSTS



Reddit

reReddit: Top posts of April 6, 2024



Reddit

reReddit: Top posts of April 2024



Reddit

reReddit: Top posts of 2024