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Thread: [Ridiculous amount of voltage needed to overclock \[AMD\]](#)

Xeleron - January 14, 2013, 3:30 am

So we recently got ourself the AMD fx-8350, ofcourse the first thing we did was trying to overclock. Works all fine but the voltage required to run stable is ridiculous high, what todo? Temps get pretty high on air with these voltages.

Note; i'm new on the AMD platform with overclocking

Screenshot:

Spoiler ([Click to View](#))http://img10.imageshack.us/img10/8545/schermafbeelding2.png

PC specs:

Cpu: AMD FX-8350

Cpu Cooler: CoolerMaster V8

Mobo: MSI 990fxa-gd80

Memory: Corsair Dominator Platinum 1866 8Gb (2x4gb)

Psu: Corsair TX750

Billy Cornpipe - January 14, 2013, 7:30 am

You can try bringing voltage down a little, and raising LLC up a little. You might try voltage down two ticks, LLC up one tick. On my 8350, I can get stable with a lot less voltage with more LLC, but the trade-off was a little more heat. You just have to find a 'happy medium'.

Also, if you hit 63°C in Cinebench, IBT and Prime95 are going to be quite a bit warmer.

Euphorical - January 14, 2013, 8:00 am

Whats your CPU Cooler and whats your delta temps?

Xeleron - January 14, 2013, 10:14 am

(Jan 14, 2013 08:30 AM)Billy Cornpipe Wrote: [\[CITE\]](#) You can try bringing voltage down a little, and raising LLC up a little. You might try voltage down two ticks, LLC up one tick. On my 8350, I can get stable with a lot less voltage with more LLC, but the trade-off was a little more heat. You just have to find a 'happy medium'.

Also, if you hit 63°C in Cinebench, IBT and Prime95 are going to be quite a bit warmer. Thanks, will look into that, well i actually ran prime95 before i ran cinebench with coretemp already on, so thats why the temps are damn hot.

(Jan 14, 2013 09:00 AM)Euphorical Wrote: [\[CITE\]](#) Whats your CPU Cooler and whats your delta temps? Got a Cooler Master V8 and what do you mean by delta temps?

heroxoot - January 14, 2013, 10:20 am

Spoiler ([Click to View](#))

Sure is ridicules how 8 physical cores uses 1.5v

Steve Kosh - January 14, 2013, 10:23 am

<http://www.overclock.net/t/1318995/official-fx-8320-fx-8350-vishera-owners-club>

Most people are getting around 1.4v for that type of OC. CPUz may be reading a higher voltage than what it really is.

Xeleron - January 14, 2013, 10:24 am

(Jan 14, 2013 11:20 AM)heroxoot Wrote: [\[CITE\]](#) Spoiler [\(Click to View\)](#)

Sure is ridicules how 8 physical cores uses 1.5v
Very nice sir, however is it stable? i could run higher aswell, validate with cpu-z and say 'Bam, i got 382Ghz stable' while unstable ?

(Jan 14, 2013 11:23 AM)Steve Kosh Wrote: [\[CITE\]](#)

<http://www.overclock.net/t/1318995/official-fx-8320-fx-8350-vishera-owners-club>

Most people are getting around 1.4v for that type of OC. CPUz may be reading a higher voltage than what it really is.

In the bios i cant get higher then 1.49V however while in clickbiosII or that other app i can set a higher voltage, anyway i set it a bit over 1.5V as you could read

Owndapwn - January 14, 2013, 11:39 am

The voltage needed also depends on how well your motherboard conditions the power.

For example, to overclock my 2500K on my GA-Z68X-UD3H-B3 would require more volts than it would to overclock my 2500K on, say, an ASRock Z77 Extreme11.

Xeleron - January 14, 2013, 11:44 am

(Jan 14, 2013 12:39 PM)Owndapwn Wrote: [\[CITE\]](#) The voltage needed also depends on how well your motherboard conditions the power.

For example, to overclock my 2500K on my GA-Z68X-UD3H-B3 would require more volts than it would to overclock my 2500K on, say, an ASRock Z77 Extreme11.

i got a msi 990fxa-gd80, i will update the first post with my pc specs