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id_mew



Is it true that the i9-12900k only support DDR5 RAM up to 4800?

Tech Support

Hi, I'm using G.Skill 32gig 5600 and an MSI Edge DDR5 motherboard. I can't enable XMP on my RAM to run the advertised speeds of 5600, if I do my computer just hangs for a couple of minutes and gets an error saying overclocking failed. Then I have to restore the defaults in the BIOS. I tried setting the timings manually and upping the voltage with no luck. I contacted, G.Skill, MSI and Intel and they all told me the CPU does not support speeds over 4800. I thought most people hear are running higher clocks that that by enabling XMP. Is it true what they are saying? Should I bother returning my ram to save my money and get something rates 4800?

Thanks

Edit: just a quick update, I went and bought Corsair Vengeance with the same speed and timings and XMP loaded just fine. Thanks everyone for the help!



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to work, and whether it's likely to work or not is normally determined by looking at various reviews. If it works for most people, then it's likely to work for you. Which is why getting XMP DDR5 kits is a bad idea at this moment: it's simply too unpopular yet, not mature enough to make any estimation on whether XMP works or not.

Even most DDR4-3200 are technically OC because they usually have latency around CL16 when the fastest JEDEC profile for DDR4-3200 is CL20, I believe.

And I've read a few times that the 12th gen has issues with XMP in general, even at lower DDR4 speeds. Just google for something like Z690 XMP issues and you'll see a lot of them. It still works fine for many people, though, at least in the 3200 CL16 range.

 4  ... 12 more replies**mr_screg** • 3y ago

Yes, and 10900k only supports DDR4-2933.

 1  ...**r/overclocking** • 3 yr. ago

is it even possible to get 64GB DDR4 RAM stable at or close to the XMP profile (3466mhz) on an i9-9900K/Z390?

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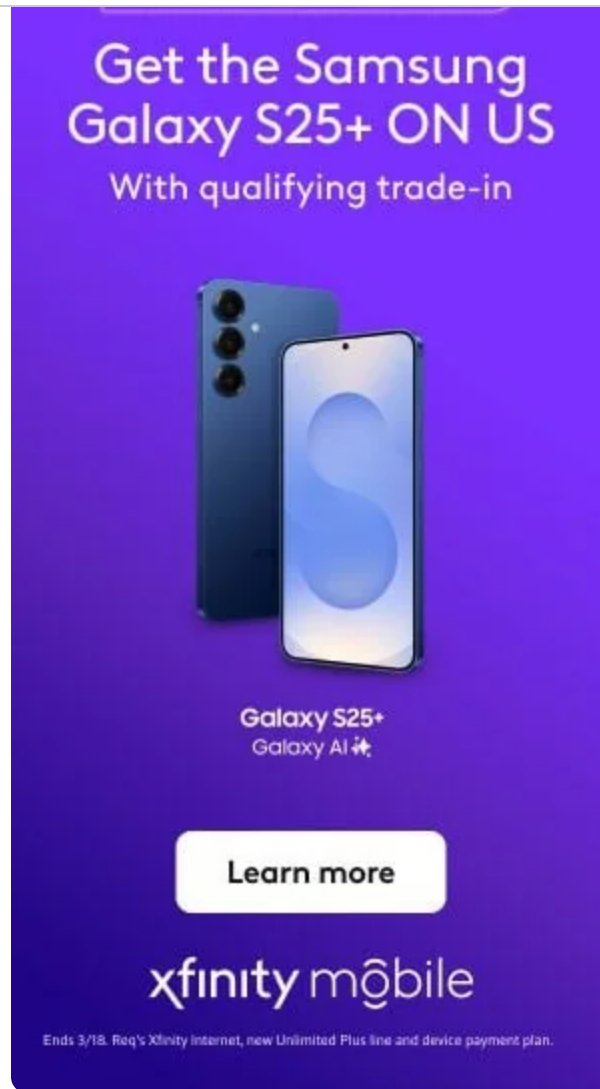
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Ram recommendations for 12900k?

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Props to Intel's RMA team

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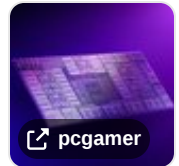
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Does i5-12600k work fine with DDR5-6400 RAM and what is the maximum MHz can run ?

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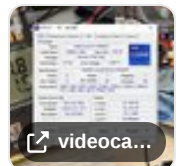
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I need help confirming the Speed (MHz) of my RAM that came pre-installed in my laptop. (Yes I googled). Question involves both software & hardware.

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