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r/buildapc • 1 yr. ago

cyber2th



Is a 12900k still a reasonable purchase in 2024?

Build Upgrade

I've been needing a PC upgrade for a while now. Currently I have a i7-4770 with a RTX 2080. I came across this deal at micro center and I could get a motherboard, ram and cpu for \$399 +tax.

<https://www.microcenter.com/product/5006593/intel-core-i9-12900k,-asus-z790-v-prime-wifi-ddr5,-gskill-ripjaws-s5-32gb-kit-ddr5-6000,-computer-build-bundle>

I know this CPU is a couple years older but it's far newer than what I have now. My goal with this upgrade is to play open world single player games at 4K(16:9) or 2K (23:9) at high settings around 60-80FPS.

Do you think this is a reasonable deal or is it really worth forking over some more cash for a newer CPU?

38

87



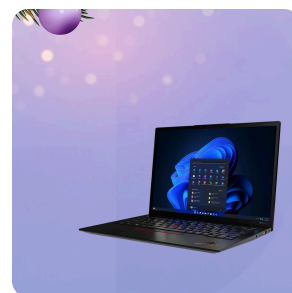
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Practical_Mulberry43 • 1y ago •

12900k is absolutely still a relevant & powerful CPU, OP

Would be great for anything

51

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only a bit behind the 7800x3d and 14900k at 4k. Considering how well the cpu oc's it is pretty great value. Also since you don't upgrade very often it makes more sense to get this over the 7700x bundle bc u won't be upgrading within am5 lifespan anyways and the 12900k is a better cpu in pretty much every way

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cyber2th OP • 1y ago •

I appreciate your input. This is what I'm leaning towards. I hope to not have to upgrade again for a while!

9 [Reply](#) ...

+ 2 more replies



The_soulprophet • 1y ago •

12900k is a great value with that deal. You're going to be good for awhile with that CPU. Just upgrade the GPU when the time is right. Hardware advancements with CPU's are slowing down.

10 [Reply](#) ...

+ 1 more reply



perceptionsofdoor • 1y ago •

I have a 12600k and I'm very satisfied with it (bought it late 2022). I've seen it has dropped in price to around \$175 so if you are heavily budget limited I would recommend a 12600k or 12600kf and use the extra money on a better GPU. With a 12600k and say a 4070Ti you can get over 60 FPS in any game released so far at pretty much maxed settings. And if you're not going to overclock I DEFINITELY recommend the 12600k as the 12900k needs a pretty substantial OC to really see any performance gains over the 12600k.

9 [Reply](#) ...

+ 1 more reply



whomad1215 • 1y ago •

the 7700x bundle makes more sense to me at \$400

7 [Reply](#) ...



Active-Quarter-4197 • 1y ago •

It is a worse cpu tho and upgrade path doesn't matter if u don't upgrade often like this person

19 [Reply](#) ...

+ 2 more replies

+ 3 more replies



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workloads.

the 12900ks is 10% better on paper than 12900k but realistically it's only like 2-3% better based on your application and it's only 25% worse than a 14900k at half the price.

do you really need 25% extra performance out of a cpu that powerful that requires 11 industrial powered fans or a 480 water cooler? I don't think so, not until the GPUs match the market and start demanding 700W so you have to get yourself a 1500W PSU as a starter. THEN I think cpu performance at this level won't be enough for those newer gen GPUs that are double the size of what we have now

↑ 7 ↓ ○ Reply ...

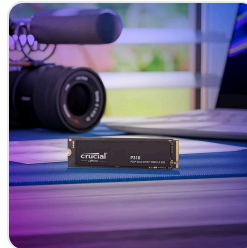
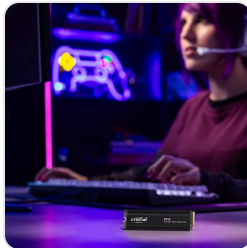
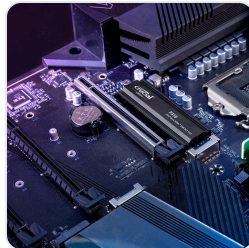
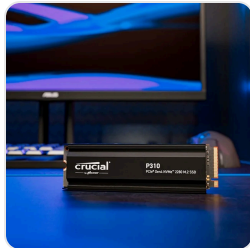
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KingofGnG • 1y ago •

Absolutely. Get a new RTX GPU, though.

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ArrowheadR3D • 6mo ago •

Considering the 13th gen and 14th gen suffer from degradation leading to a 100% fail rate, uhm yeah!

↑ 3 ↓ ○ Reply ...

 [r/SonyAlpha](#) • 1 yr. ago

Is the a6400 still a good buy in 2024?

25 upvotes · 72 comments

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4 upvotes · 128 comments



r/pcmasterrace • 9 mo. ago

Can I drop the "TDP" on a 12900k to mimic a lower end CPU?

4 upvotes · 17 comments



r/whatcarshouldibuy • 1 yr. ago

Is a used 2024 Prius Limited for \$40k OTD a good deal?

5 upvotes · 7 comments



r/intel • 3 yr. ago

12900k, will i be able to use internal graphics at the same time as a GPU?

2 upvotes · 4 comments



r/intel • 8 mo. ago

Intel issues its first statement in response to 13/14th Gen Core i9 CPU stability issues - VideoCardz.com

136 upvotes · 215 comments



r/carbuying • 1 yr. ago

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1 upvote · 4 comments



r/intel • 3 yr. ago

12900k runs HOT!

65 upvotes · 148 comments



r/intel • 3 yr. ago

Intel Core i9-12900K up to 36% faster in Cinebench R20 in Maximum Turbo Power (PL2) mode

154 upvotes · 206 comments



r/buildapc • 14 days ago

What is up with RIDICULOUS aftermarket prices for 3xxx series?

310 upvotes · 296 comments

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323 upvotes · 202 comments



r/PcBuild • 1 yr. ago

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10 upvotes · 37 comments



r/Porsche • 1 yr. ago

Is purchasing a fully inspected 991.2 in 2025 for around \$70k a bad decision?

75 upvotes · 83 comments



r/hardware • 3 yr. ago

VideoCardz: "Intel Core i9-12900K already shipping to first customers two weeks ahead of launch"

387 upvotes · 53 comments



r/intel • 3 yr. ago

Core i9-12900K: Performance & efficiency at various power limits (2W to 250W)

65 upvotes · 20 comments



r/intel • 5 mo. ago

Megathread for Intel Core 13th & 14th Gen CPU instability issues

524 upvotes · 1.9K comments



r/PcBuild • 1 yr. ago

Best GPU to buy for around \$200 in 2024?

1 upvote · 1 comment



r/techsupport • 2 mo. ago

Intel core i9 12900K is cooking

2 upvotes · 8 comments



r/buildapc • 9 days ago

How do I explain to someone that building a decent pc will not be obsolete in 2 years AND its upgradable?

1.2K upvotes · 421 comments



r/pcmasterrace • 1 yr. ago

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First PC build : intel core i9 12900k, tuf gaming 3080 ti, ASUS tomahawk z690, Samsung Odyssey G7, etc.



66 upvotes · 33 comments

[r/buildapc](#) • 2 yr. ago

intel i9 12900k or Ryzen 5 7600x- for same price? (1st build)

3 upvotes · 5 comments

[r/buildapc](#) • 2 yr. ago

What better 12900KF vs 12900, and what does kf mean?

10 comments

[r/GamingLaptops](#) • 1 yr. ago

ROG Strix 18 2024 Is Now on Sale at BestBuy But with a Price increase to 2023 Model. what do you guys think? is it worth it?

5 upvotes · 9 comments

[r/intel](#) • 3 yr. ago

Intel i9 12900 stuck at around 2.8 GHz

16 comments

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