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Thread: [RTX 3080 bottleneck?](#)

Dragon_One - September 3, 2020, 10:40 am

Would a Core i7 8700K, 16GB DDR4 3200MHz RAM, and a PCIe 3.0 x16 bottleneck a single RTX 3080?

Do I have to upgrade to the next-gen CPU's and chipsets when they come out for PCIe 4.0?

webdev77 - September 3, 2020, 11:01 am

Nobody knows yet. Benchmarks not yet available.

shreder - September 3, 2020, 11:09 am

I don't think it will be a bottleneck per say. But if you had a faster CPU you would get more frames of course.

Yac1ne - September 3, 2020, 12:46 pm

Wait for the 3rd party benchmarks, only then we can tell

b?xxy - September 4, 2020, 11:32 am

I'm pretty sure PCIe is backwards compatible with PCI 3.0 and PCI 4.0, however, you would only get PCI 3.0 speeds while using a PCI 4 GPU and I'm not entirely sure if and how much it will limit your GPU/framerate.

Here's an interesting video:

<https://www.youtube.com/watch?v=HC8V4OauGk0>

I guess we wait.

You Just Got Sarged - September 4, 2020, 12:49 pm

Nobody knows yet. Benchmarks not yet available from reviewers. We can only go off what Nvidia says which they said nothing about this yet.

Yunatic_500 - September 6, 2020, 10:32 pm

Yeah there's only 1% difference in performance if we compare gaming with PCI 3 vs 4.

I hope there's minimal difference when the 3000 series comes out so we don't have to upgrade our CPU/MoBo.