



# Crucial DDR5 Pro Memory

## No fuss. Just fast.

When plug-and-play performance is crucial, go pro.

Crucial® DDR5 Pro Memory has the blazing speed and massive bandwidth needed to support next-gen multi-core CPUs<sup>1</sup> without the fuss of overclocking, latency tuning, die chasing, and LEDs. This innovative technology empowers your system to multitask better, load, analyze, edit, and render faster. Game with higher frame rates, uncover data insights faster, enhance productivity to save time and money, significantly reduce lag for heavy workloads and optimize power efficiency over the previous generation with Intel® XMP 3.0 and AMD EXPO™<sup>2</sup> support on every module. Available in speeds up to 6,000MT/s and 16-64GB densities with a sleek heat spreader, Crucial DDR5 Pro Memory can enable your computer<sup>1</sup> to harness performance that was once only possible with extreme performance memory<sup>3</sup>.



Extreme performance up to 6,000MT/s<sup>1</sup>



Supports both Intel® XMP 3.0 and AMD EXPO™<sup>2</sup>



Limited lifetime warranty<sup>10</sup>

[crucial.com/ddr5pro](https://crucial.com/ddr5pro)

## Low-profile, matte black heat spreader

Dissipate module heat and enhance your gaming rig with a sleek, modern look. With our integrated low-profile heat spreader, Crucial DDR5 Pro can even fit in smaller PCs.

## Supports Intel® XMP 3.0 and AMD EXPO™ on the same module

Achieve easy performance recovery on CPUs that suppress rated memory speeds with Intel® XMP 3.0 or AMD EXPO™ turned on in the UEFI/BIOS settings. Get the full value of your investment without overpaying for performance.

## No-fuss memory for gaming rigs

1.88x faster than DDR4<sup>5</sup> to boost in-game frame rates and eliminate screen tears. Enhance your gaming rigs with our sleek design without the fuss of chasing B/E-die, LEDs or the risks associated with overclocking speeds and tuning latency.

## Improved productivity for creatives and professionals

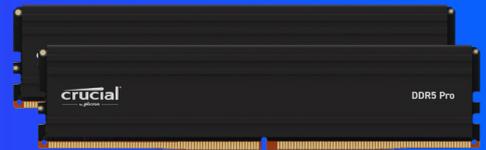
With 2x the bandwidth<sup>6</sup> of the previous generation, Crucial DDR5 Pro enables next-level multitasking and faster processing so you can tackle even heavy workloads in less time.

## Micron quality and reliability

As one of only three global memory manufacturers, and with 45 years of memory expertise, Micron delivers cutting-edge engineering and superior component and module-level testing for all Crucial DRAM products.

### Crucial® DDR5 Pro Memory

Density/ Speed	2x16GB and 2x24GB kits (6,000MT/s) 2x16GB, 2x24GB, 2x32GB, 2x48GB and 2x64GB kits (5,600MT/s) <sup>9</sup>
CL/timings	CL46 (46-45-45)
Voltage	1.1V
Pin count	288-pin



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1. Only DDR5-enabled CPUs/motherboards support DDR5 memory. Not compatible with DDR4 motherboards.
2. Crucial DDR5 desktop memory modules (UDIMMs) can reach rated speeds with Intel XMP 3.0 or AMD EXPO™ turned on in the UEFI/BIOS settings. Applicable for all Crucial DDR5 desktop memory (UDIMM) modules except Crucial DDR5-4800 desktop memory, which supports only Intel® XMP 3.0. Based on published competitor specs for DDR5 memory as of August 2023. Altering clock frequency or voltage beyond advertised speeds and timing (overclocking) may result in damage to computer components and will void your Crucial warranty. Micron disclaims any and all liability for such damage.
3. DDR5 speeds are comparable to extreme-performance DDR4 memory speeds and, at 4,800MT/s, at least 1.5x faster than maximum standard DDR4 speeds of 3,200MT/s.
4. Crucial DDR5 Pro Memory modules (UDIMMs) can only be installed in desktops/workstations built to support DDR5 DRAM, such as 12th and 13th Gen Intel® Core™ and AMD Ryzen™ 7000 Series desktop processors.
5. DDR5 data rate of 6,000MT/s transfers 1.88x the DDR4 data rate of 3,200MT/s.
6. Under memory-intensive workloads, DDR5 can deliver up to 2x the bandwidth, per an internal simulation of dual ranked x8 modules in client platforms.
7. DDR5 modules (DIMMs) introduce voltage regulation on the module through a power management integrated circuit (PMIC), which enables better power regulation and reduces the scope of DRAM power delivery network (PDN) management on the motherboard for increased efficiency.
8. On-die ECC (ODECC) is a feature of the DDR5 component specification and should not be confused with the module-level ECC features on server and workstation RDIMMs, LRDIMMs, ECC UDIMMs and ECC. Crucial DDR5 Memory includes ODECC but does not include the additional components necessary for system level ECC.
9. Densities are defined by JEDEC for the life of the DDR5 generation of memory.
10. Limited lifetime warranty valid everywhere except Germany and France, where warranty is valid for ten years from the date of purchase.