The memory & storage experts™

CRUCIAL DDR5 PRO DESKTOP 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[1] 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™[2] support on every module. Available at 5,600MT/s and 16-48GB density[4] with a sleek heat spreader, Crucial DDR5 Pro Memory can enable your computer[1] to harness performance that was once only possible with extreme performance memory[3].

Extreme performance up to 5,600MT/s

Intel® XMP 3.0 and AMD EXPO™ support[2]

LIFETIME

Limited lifetime warranty[7]

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 DRAM 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[2] turned on in the UEFI/BIOS settings. Get the full value of your investment without overpaying for performance.

No-fuss memory for gaming rigs

1.75x faster than DDR4[5] 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

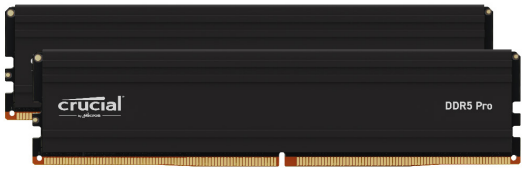
With 2x the bandwidth[6] of the previous generation, Crucial DDR5 Pro enables next-level multitasking and faster processing so you can tackle even heavy workloads in less time.

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.

Unique relationships

Crucial works with top-tier CPU and motherboard vendors to ensure quality and compatibility in every module.



Crucial® DDR5 Pro Memory	
Density	16GB, 24GB, 32GB, 48GB
Speed	5,600MT/s
Voltage	1.1V
Pin count	288 pin

DDR5 memory is not compatible with DDR4 systems. Higher speed memory can downclock when system specifications only support lower speed grades.

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 October 2022. Altering clock frequency or voltage may result in damage to computer components. Micron disclaims any and all liability for such damage. Warranty voided if Crucial DRAM modules are set to overclock beyond JEDEC specifications, rated speeds, and timings.
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 5,600MT/s transfers 1.75x 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 at launch and those planned 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.