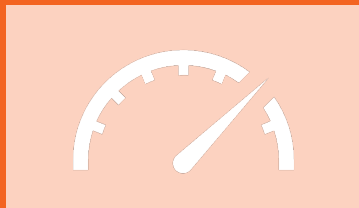


AMD RYZEN™ 7000 SERIES PROCESSORS: 65W MODEL

EASY TO OVERCLOCK, EASY ON YOUR POCKETBOOK¹

The new AMD Ryzen 9 7900, AMD Ryzen 7 7700, and AMD Ryzen 5 7600 processors have the high performance that gamers and creators need, and the efficiency they want. Each new processors comes with a bundled cooler for an even better value.

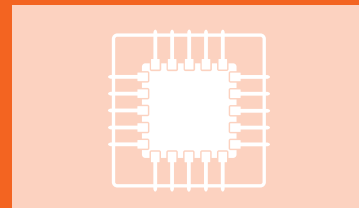
TARGET AUDIENCE



GAMERS AND CREATORS WHO
NEED HIGH PERFORMANCE
AT LOW POWER USAGE



GAMERS WHO WANT INCREDIBLE
GAMING PERFORMANCE WITH
WRAITH COOLER INCLUDED



NEW TIME-SAVING
TECHNOLOGIES FOR EVERYONE

SELL IT IN 30 SECONDS

INCREDIBLE GAME PERFORMANCE

- Advanced desktop processor for an x86 platform²
- Up to 5.7 GHz boost clocks enable extreme gaming speed³

AMD WRAITH COOLER INCLUDED

- Ryzen 9 7900 and Ryzen 7 7700 processors with the Wraith Prism Cooler with RGB illumination
- Low-key, low-profile cooler, the sleek Wraith Stealth comes with the Ryzen 5 7600 processor

UPGRADABLE FOR YEARS TO COME

- Brand new Socket AM5 platform that supports processor upgrades
- All 65W models are even more affordable than ever before

POWER EFFICIENCY FOR 65W MODEL

- New Ryzen 7000 series processor models are optimized for efficiency and low power draw
- Up to 47% more efficient total system power performance-per-watt⁵

TECHNOLOGY THAT SAVES YOU TIME

- Support for new time saving tech like PCIe[®] 5.0 storage, Wi-Fi[®] 6E⁴, and up to 12 cores with 24 processing threads

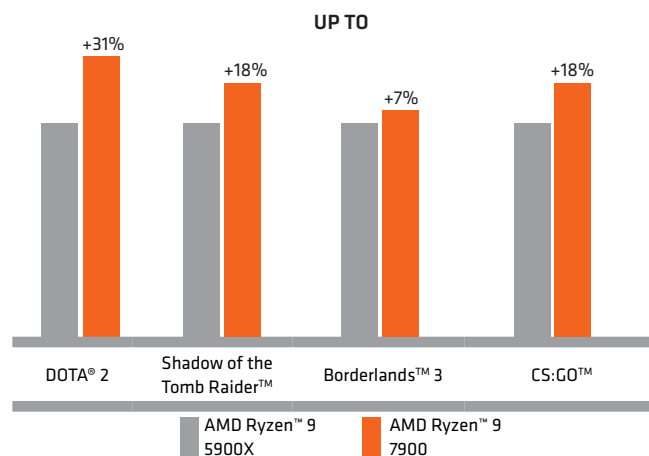
SERIOUS PERFORMANCE

- Unlocked for higher overlocked performance at the touch of a button¹
- Easy overclocking by enabling Precision Boost Overdrive⁶ within Ryzen™ Master

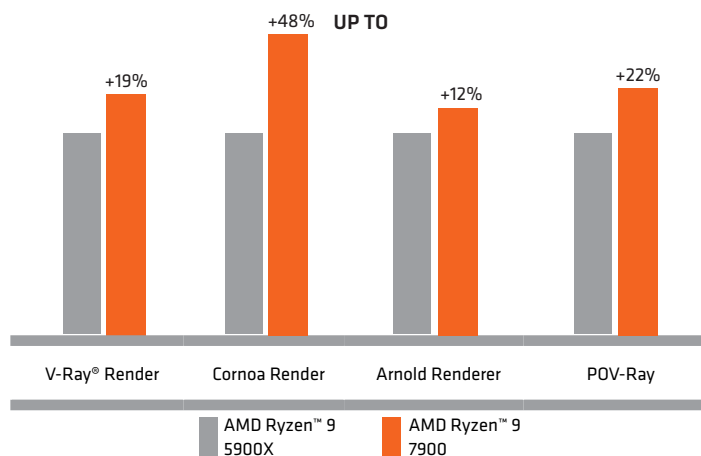
PRODUCT SPECIFICATIONS

	CORES/ THREADS	TYPICAL TDP	UP TO MAX/BASE FREQUENCY ²	TOTAL CACHE	PCIe [®] LANES WITH X670 CHIPSET (UP TO)	UNLOCKED FOR OVERCLOCKING ⁶ ?	COOLER INCLUDED
AMD RYZEN™ 9 7900	12/24	65W	3.7 / 5.4	76MB	44/24	Yes	Wraith Prism w/RGB
AMD RYZEN™ 7 7700	8/16	65W	3.8 / 5.3	40MB	44/24	Yes	Wraith Prism w/RGB
AMD RYZEN™ 5 7600	6/12	65W	3.8 / 5.1	38MB	44/24	Yes	Wraith Stealth

GAMING PERFORMANCE - GENERATIONAL⁷

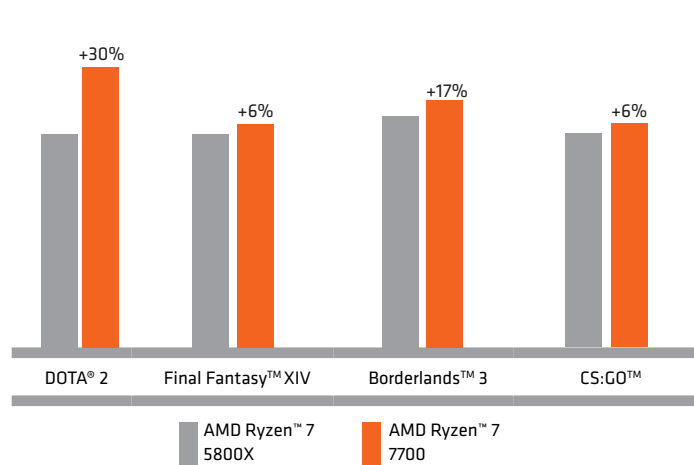


CREATOR PERFORMANCE - GENERATIONAL⁸



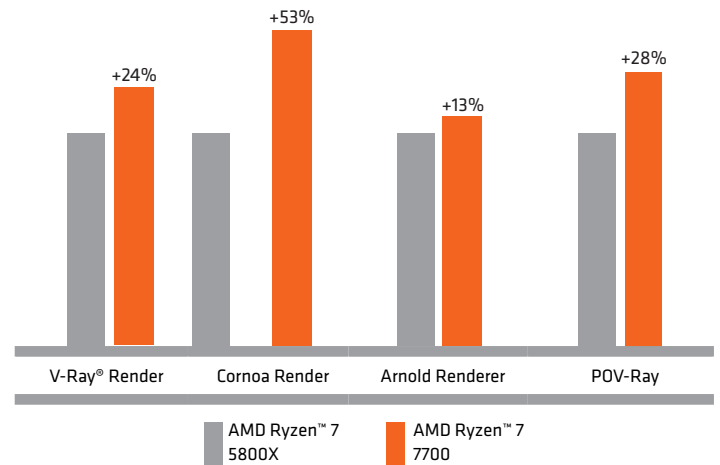
GAMING PERFORMANCE - GENERATIONAL⁹

UP TO



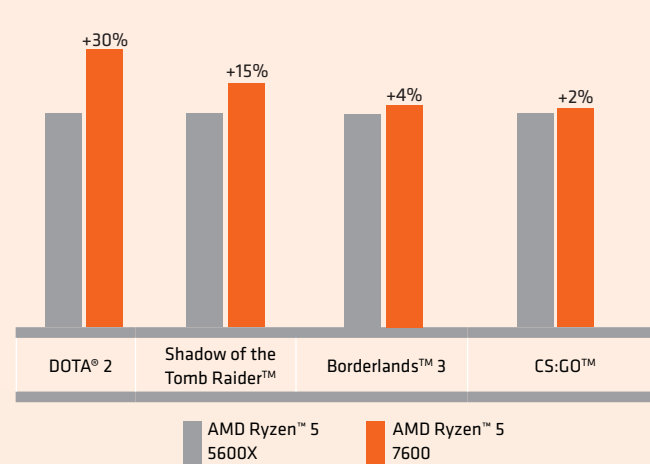
CREATOR PERFORMANCE - GENERATIONAL¹⁰

UP TO



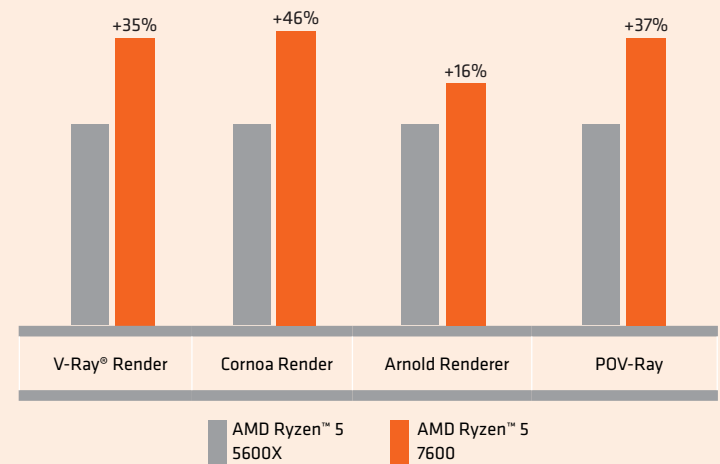
GAMING PERFORMANCE - GENERATIONAL¹¹

UP TO



CREATOR PERFORMANCE - GENERATIONAL¹²

UP TO



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- GD-26. AMD's product warranty does not cover damages caused by overclocking, even when overclocking is enabled via AMD hardware and/or software.
- GD-203. Based on a smaller node size of the AMD processor for an x86 platform, as of August 2022.
- GD-150. Max boost for AMD Ryzen processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates.
- GD-201. Wi-Fi 6E requires OEM enablement. Please check with your PC manufacturer prior to purchase.
- RPL-028. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen 9 7900, G.Skill DDR5-6000 and Wraith Prism Cooler, versus AMD AM5 Reference Motherboard with AMD Ryzen™ 9 7900X, G.Skill DDR5-6000 and Arctic Liquid Freezer II cooler. ALL SYSTEMS configured with open air test bench, Windows 11, AMD Smart Access Memory ON, Virtualization-Based Security (VBS) OFF. Performance Per Watt calculated with Cinebench R23 nt scores over wattage as measured with wall power. System manufacturers may vary configurations, yielding different results.
- GD-179. Overdrive requires an AMD Ryzen Threadripper or a Ryzen 3000/4000/5000/7000 series desktop processor, and a compatible motherboard. AMD Ryzen 3400G and 3200G series processors are not compatible. System manufacturers may vary configurations, yielding different results.
- Because Precision Boost Overdrive enables operation of the processor outside of AMD's published specifications, use of the feature invalidates the AMD product warranty and may also void warranties offered by the system manufacturer or retailer. Availability of Precision Boost Overdrive in pre-built OEM desktop systems will vary based on the PC manufacturer's settings. Check with the PC manufacturer prior to purchase.
- RPL-020. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 9 7900, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Prism Cooler, versus AMD AM5 Reference Motherboard with Ryzen 9 5900X and DDR4-3600C16, and Asatek 280 cooler. ALL SYSTEMS configured with open air test bench, Windows 11, AMD Smart Access Memory (driver: Adrenalin 22.11.2 Optional), Windows® 11 22H2, AMD Smart Access Memory/PCIe® Resizable Base Address Register ("ReBAR") ON, Virtualization-Based Security (VBS) OFF.
- RPL-021. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 7 7700, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Prism Cooler, versus AMD AM5 Reference Motherboard with Ryzen 7 5800X and DDR4-3600C16, and Asatek 280 cooler. ALL SYSTEMS configured with open air test bench, AMD Radeon 6950XT (driver: Adrenalin 22.11.2 Optional), Windows® 11 22H2, AMD Smart Access Memory/PCIe® Resizable Base Address Register ("ReBAR") ON, Virtualization-Based Security (VBS) OFF.
- RPL-022. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 5 7600, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Stealth Cooler, versus AMD AM5 Reference Motherboard with Ryzen 5 5600X and DDR4-3600C16, and Asatek 280 cooler. ALL SYSTEMS configured with open air test bench, AMD Radeon 6950XT (driver: Adrenalin 22.11.2 Optional), Windows® 11 22H2, AMD Smart Access Memory/PCIe® Resizable Base Address Register ("ReBAR") ON, Virtualization-Based Security (VBS) OFF.
- RPL-023. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 5 7600, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Stealth Cooler, versus AMD AM5 Reference Motherboard with Intel Core i5-13600K, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N), and Kraken 280mm AIO liquid cooler. ALL SYSTEMS configured with open air test bench, AMD Radeon 6950XT (driver: Adrenalin 22.11.2 Optional), Windows® 11 22H2, AMD Smart Access Memory/PCIe® Resizable Base Address Register ("ReBAR") ON, Virtualization-Based Security (VBS) OFF.
- RPL-024. Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 5 7600, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Stealth Cooler, versus AMD Ryzen™ 5 7600, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and AMD Wraith Stealth Cooler with Precision Boost Overdrive enabled versus AMD Ryzen™ 5 7600, G.Skill DDR5-6000C30 (F5-6000J3038F16GX2-TZ5N) and Arctic Liquid Freezer II 280 with Precision Boost Overdrive enabled. ALL SYSTEMS configured with open air test bench, Windows® 11 22H2, AMD Smart Access Memory/PCIe® Resizable Base Address Register ("ReBAR") ON, Virtualization-Based Security (VBS) OFF.
- RPL-025. RPL-025: Testing as of 15 November 2022, by AMD Performance Labs using the following hardware: AMD AM5 Reference Motherboard with AMD Ryzen™ 5 7600, G.Skill DDR5-6000 and AMD Wraith Stealth Cooler, versus AMD AM5 Reference Motherboard with Ryzen 5 5600X and DDR4-3600, and Asatek 280 cooler. ALL SYSTEMS configured with open air test bench, AMD Radeon 6950XT (driver: Adrenalin 22.11.2 Optional), Windows® 11, AMD Smart Access Memory ON, Virtualization-Based Security (VBS) OFF. Benchmarks tested: Cinebench R23 nt, PugetBench Photoshop, PCMark Digital Content Creation, and POV-Ray. System manufacturers may vary configurations, yielding different results.

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