

AMD RYZEN™ 8000 F-SERIES PROCESSORS

ADVANCED, FUTURE-READY TECHNOLOGIES ON AN UPGRADABLE PLATFORM

The most affordable AMD Ryzen™ 8000 Series processors available, saving resources for an upgraded graphics card.

TARGET AUDIENCE



AAA GAMERS



STREAMERS WHO WANT
HIGH DEFINITION VISUALS



GAMERS WHO WANT
UPGRADE-READY
PERFORMANCE

SELL IT IN 30 SECONDS

MAXIMIZE GAMING

- Lower cost processor leaves resources for a better graphics card
- Optimized for efficiency with low power draw
- Low-cost air cooling, cool and quiet operation, and low power requirements

ADVANCED, FUTURE-READY TECHNOLOGIES

- Up to 8 cores and 16 processing threads
- Unlocked for higher overclocked performance at the touch of a button⁶
- Future-ready AMD “Zen 4” architecture⁷, DDR5 memory, and AMD Expo™ technology⁵

AN UPGRADABLE PLATFORM

- With the AMD socket AM5 platform, it's the perfect time to start investing
- Incredibly advanced artificial intelligence (AI) enabling technology, ready to help usher in the future with new capabilities that AMD Ryzen™ AI² can provide
(AMD Ryzen™ 7 8700F processor only)

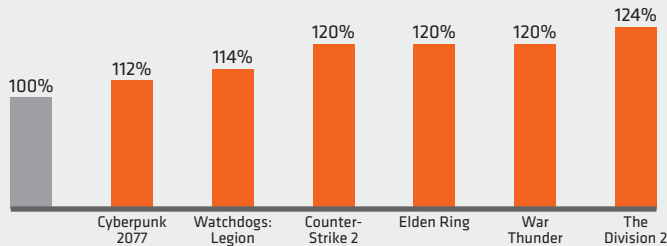
AMD RYZEN™ 8000 F-SERIES PROCESSORS

PROCESSOR	CORES/ THREADS	PLATFORM	FREQUENCY ¹	CACHE	ARCHITECTURE	PCI-E®	AMD RYZEN™ AI READY	COMPETITIVE PROCESSOR
AMD RYZEN™ 7 8700F	8/16	AM5	Up To 5.0/4.1 GHz	24MB	“Zen 4”	Gen 4	Yes	Intel Core i5-14400F
AMD RYZEN™ 5 8400F	6/12	AM5	Up To 4.7/4.3 GHz	22MB	“Zen 4”	Gen 4	No	Intel Core i5-13400F

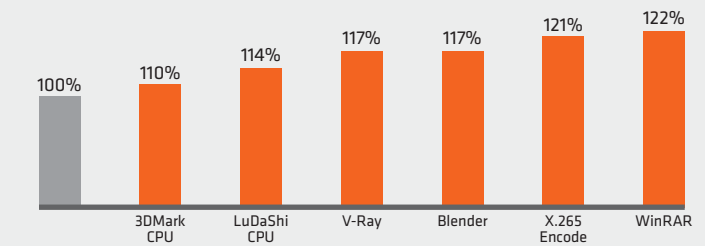
AMD RYZEN™ 7 8700F PROCESSOR

The Starting Point for a Serious Gaming PC

GAMING PERFORMANCE, UP TO³



CREATOR PERFORMANCE, UP TO⁴



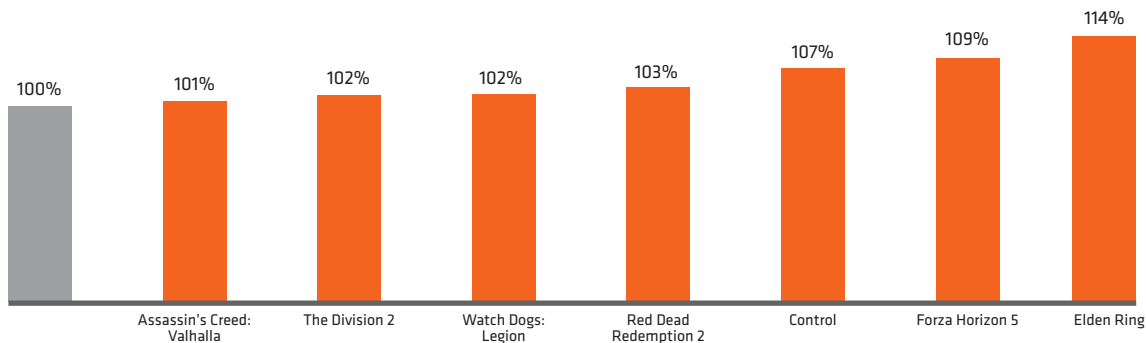
Intel Core i5
14400F

AMD Ryzen™ 7
8700F

AMD RYZEN™ 5 8400F PROCESSOR

The New Entry-Level Gaming Processor

GAMING OR PERFORMANCE, UP TO⁵



Intel Core i5
13400F

AMD Ryzen™ 5
8400F

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1. 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.

2. GD-220b: Ryzen™ AI is defined as the combination of a dedicated AI engine, AMD Radeon™ graphics engine, and Ryzen processor cores that enable AI capabilities. OEM and ISV enablement is required, and certain AI features may not yet be optimized for Ryzen AI processors. Ryzen AI is compatible with: (a) AMD Ryzen 7040 and 8040 Series processors except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 7440U, and Ryzen 3 8440U processors; and (b) all AMD Ryzen 8000G Series desktop processors except the Ryzen 5 8500G/GE and Ryzen 3 8300G/GE. Please check with your system manufacturer for feature availability prior to purchase.

3. PXD-13: Based on testing by AMD as of 3/28/2024. Testing results are average performance in the following Game titles: Cyberpunk 2077, Watchdogs: Legion, Counter-Strike2, Elden Ring, War Thunder, and The Division 2. All tests run in 1080p at high details. System configurations: AMD System: AMD Ryzen 7 8700F processor, CRB Splinter motherboard. Intel system: Intel Core i5-14400F, ROG STRIX Z790-E GAMING WIFI motherboard. All system configs: Kingston KF560C36-16 DDR5 EXPO 6000 32GB (2x16GB), Samsung 980 pro 1TB SSD, RTX4080, Graphics Driver 551.61, Windows 11 23H2 22631.3155. System manufacturers may vary configurations, yielding different results.

4. PXD-14: Based on testing by AMD as of 3/28/2024. Testing results are average performance in the following applications: 3DMark Firestrike Extreme CPU, LuDaShi CPU, V-Ray, Blender (junkshop), X265, HD, Benchmark 0.14, WinRAR. System configurations: AMD System: AMD Ryzen 7 8700F, CRB Splinter motherboard. Intel system: Intel Core i5-14400F, ROG STRIX Z790-E GAMING WIFI motherboard. All system configs: Kingston KF560C36-16 DDR5 EXPO 6000 32GB (2x16GB), Samsung 980 pro 1TB SSD, RTX4080, Graphics Driver 551.61, Windows 11 23H2 22631.3155. System manufacturers may vary configurations, yielding different results. 3DMark is a registered trademark of UL Solutions.

5. PXD-15: Based on testing by AMD as of 3/28/2024. Testing results are average performance in the following game titles: Assassin's Creed: Valhalla, Division 2, Watch Dogs: Legion, Red Dead Redemption 2, Control, Forza Horizon 5, and Elden Ring. All tests run in 1080p at high details. System configurations: AMD System: AMD Ryzen 5 8400F processor, CRB Splinter motherboard. Intel system: Intel Core i5-13400F, GIGABYTE WIFI B760M AORUS ELITE AX motherboard. All system configs: Kingston KF560C36-16 DDR5 EXPO 6000 32GB (2x16GB), Samsung 980 pro 1TB SSD, RTX4080, Graphics Driver 551.61, Windows 11 23H2 22631.3155. System manufacturers may vary configurations, yielding different results.

6. GD-106: Overclocking and/or undervolting AMD processors and memory, including without limitation, altering clock frequencies / multipliers or memory timing / voltage, to operate outside of AMD's published specifications will void any applicable AMD product warranty, even when enabled via AMD hardware and/or software. This may also void warranties offered by the system manufacturer or retailer. Users assume all risks and liabilities that may arise out of overclocking and/or undervolting AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability.

7. GD-122: The information contained herein is for informational purposes only, and is subject to change without notice. Timelines, roadmaps, and/or product release dates shown herein are plans only and subject to change. "Zen 4" is a codenames for AMD architecture, and is not a product name.