

**THE BEST-PRICED AMD RYZEN™ 8000 SERIES PROCESSORS AVAILABLE, SO YOU CAN FOCUS YOUR RESOURCES ON THE BEST GRAPHICS CARD YOU CAN BUY.**

### IMMENSE PERFORMANCE, TINY POWER USAGE

- Optimized for efficiency with low power draw
- Ultimate efficiency with low-cost air cooling, cool and quiet operation, and low power requirements

### EASY TO OVERCLOCK

- Unlocked for higher overclocked performance at the touch of a button
- Optimized for both performance and efficiency with low energy usage despite their impressive power

### INCLUDED PREMIUM AMD WRAITH COOLER<sup>6</sup>

- All models come with a cooler in the box
- AMD Ryzen™ 7 8700F and Ryzen™ 5 8400F processors both include a premium AMD Wraith Stealth cooler

## PRODUCT SPECIFICATIONS

	CORES/ THREADS	TYPICAL TDP	MAX / BASE FREQUENCY <sup>1</sup> (UP TO)	TOTAL CACHE	PCIe® GEN	UNLOCKED FOR OVERCLOCKING <sup>2,7</sup>	COOLER INCLUDED <sup>5</sup>	BUILT-IN GRAPHICS	NPU <sup>3</sup>	COMPETITIVE PROCESSOR
<b>AMD RYZEN™ 7 8700F</b>	8/16	65W	5.0/4.1 GHz	24MB	PCIe® 4	Yes	AMD WRAITH STEALTH	N/A	AMD XDNA™ 1.6 GHz	Intel Core i5-14400F
<b>AMD RYZEN™ 5 8400F</b>	6/12	65W	4.7/4.2 GHz	22MB	PCIe® 4	Yes	AMD WRAITH STEALTH	N/A	N/A	Intel Core i5-13400F

This chart illustrates relative product positioning on key functionality and is not necessarily an indication of relative performance. Performance may vary by application.

## FEATURES

### AMD EXPO™ TECHNOLOGY<sup>2</sup>

Accelerate gaming with AMD EXPO™ technology. Higher memory frequencies and aggressive settings can unlock higher and smoother frame rates.

### PRECISION BOOST 2 TECHNOLOGY<sup>4</sup>

Accelerate performance for intense workloads, automatically boosting CPU clock speeds on AMD Ryzen™ 8000 Series processors. Precision Boost 2 technology is always watching temperature and power consumption to intelligently deliver the best results for the PC.

### AMD RYZEN™ AI-ENABLING TECHNOLOGY<sup>3</sup>

Experience the power of incredibly advanced Artificial Intelligence (AI) technology, ready to usher in the future with new capabilities that AMD Ryzen™ AI enabling-technology can provide. *(only available on AMD Ryzen™ 7 8700F)*

## USE CASES

● BEST
 ◐ BETTER
 ○ GOOD

	MAXIMUM GAME PERFORMANCE 	GAMING & STREAMING 	CONTENT CREATION 	PRODUCTIVITY & ENTERTAINMENT 
AMD RYZEN™ 7 8700F	<span style="color: #FF4500;">◐</span>	<span style="color: #FF4500;">◐</span>	<span style="color: #FF4500;">◐</span>	<span style="color: #FF4500;">●</span>
AMD RYZEN™ 5 8400F	<span style="color: #FF4500;">○</span>	<span style="color: #FF4500;">◐</span>	<span style="color: #FF4500;">◐</span>	<span style="color: #FF4500;">●</span>

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## FOR MORE INFORMATION VISIT [www.AMD.com/RYZEN](http://www.AMD.com/RYZEN)

- 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-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 / undervolting AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability by the system manufacturer or retailer. Users assume all risks and liabilities that may arise out of overclocking / undervolting AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability.
- GD-220-B. 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.
- GD-188. For additional information about Precision Boost 2, see <https://www.amd.com/en/support/kb/faq/cpu-pb2>
- WTH-6. The effectiveness of cooling solutions is dependent upon a number of factors, including ambient air temperature and the configuration of the system, components, and cooling solution. It is the users' obligation to ensure operation of the processor within the applicable AMD product specifications.