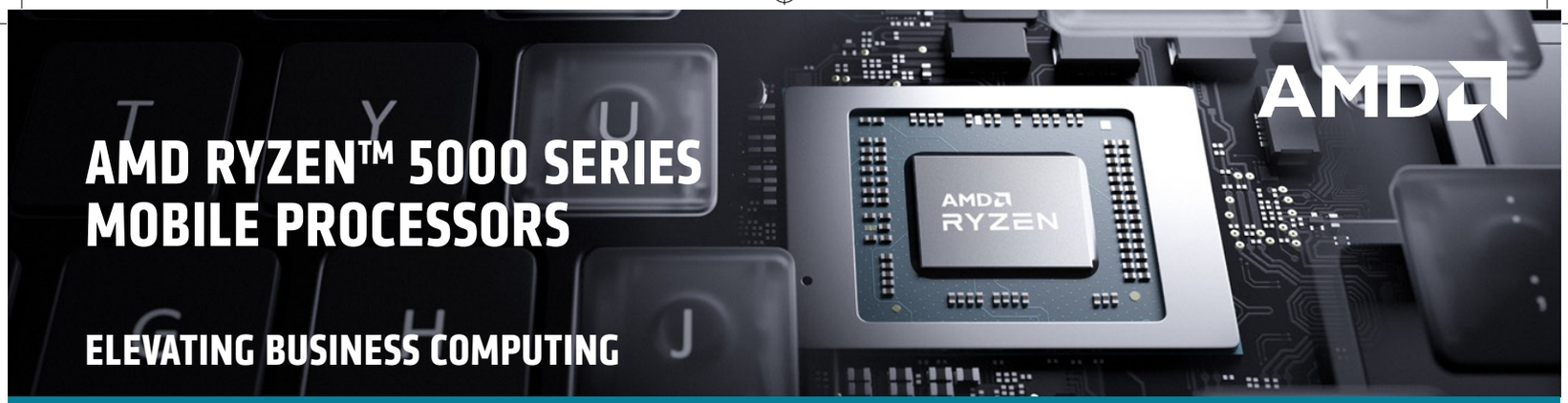


AMD RYZEN™ 5000 SERIES MOBILE PROCESSORS

ELEVATING BUSINESS COMPUTING

BUILT FOR SUCCESS

AMD Ryzen™ 5000 Series Mobile Processors offer the advanced technology you need to stay ahead of the competition.

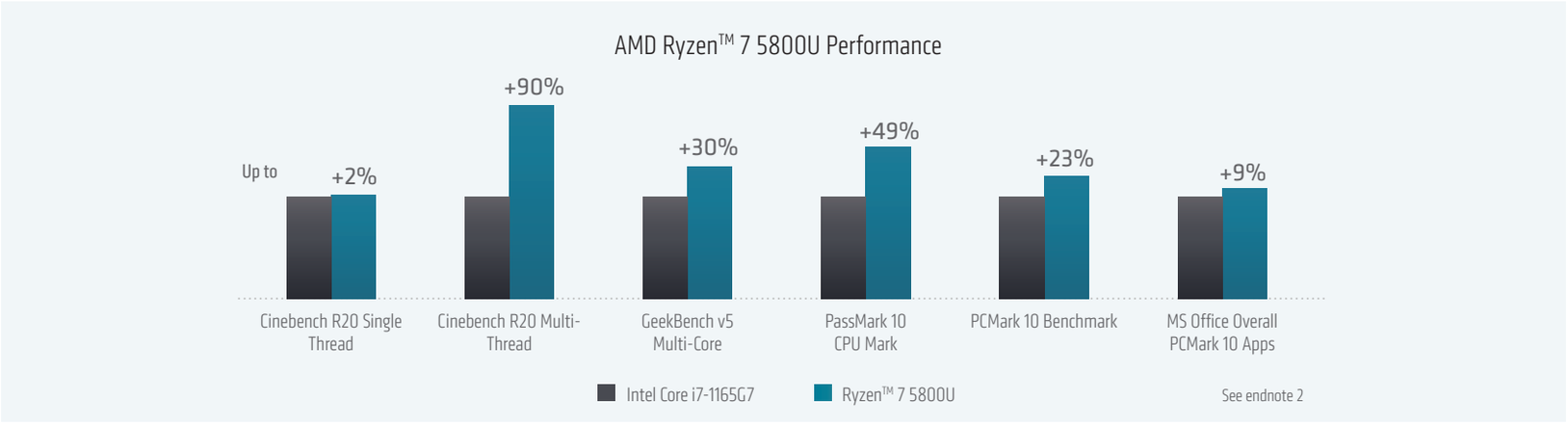
Built on up to 7nm "Zen 3" architecture for processor performance leadership and incredible battery life.

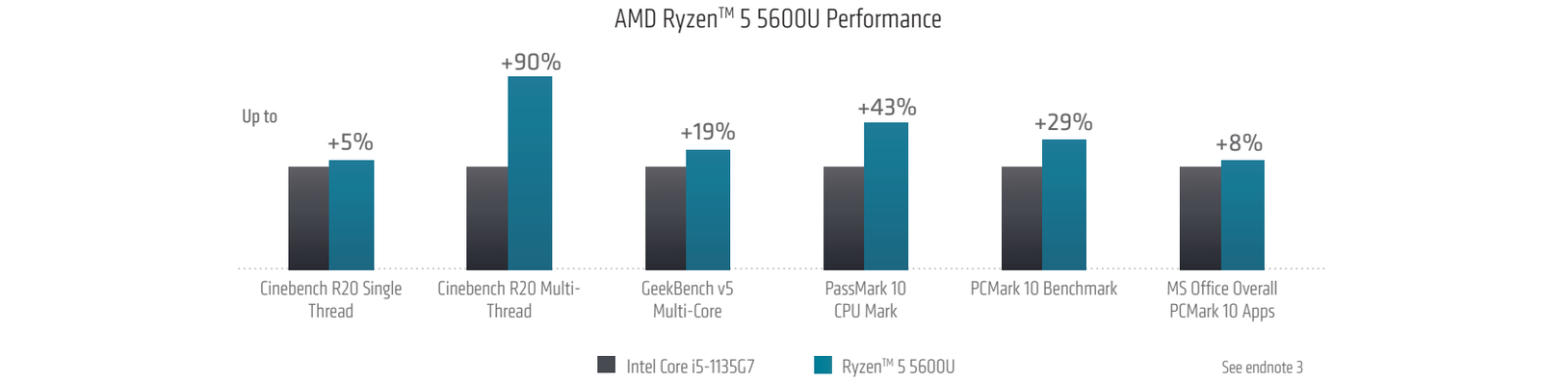
AMD Ryzen™ is the only processor family with up to 8 high performance X86 cores for ultrathin notebooks.[1]

Up to 90% higher multi-thread performance vs the competition.[2]

POWERHOUSE PRODUCTIVITY

Whether working from office, huddle room, home or hotel, stay productive everywhere with the winning performance offered by AMD Ryzen™ 5000 series mobile processors.





UNCOMPROMISING PORTABILITY

Intelligent, power-efficient performance delivers incredibly long battery life, so business laptop users can stay productive while on the go and unplugged longer than ever.

UP TO
2 HOURS
LONGER
THAN PREVIOUS GEN

UP TO
17.5 HOURS
GENERAL USAGE

See endnote 4

LAYERED DEFENSES

Through a modern, multi-layered approach to security, AMD processors help protect your sensitive data from today's sophisticated attacks and avoid downtime.

AMD Architecture:
AMD "Zen 2" and "Zen 3" Core architected with a focus on security features

AMD Secure Processor:
Helps secure the processing and storage of sensitive data and trust applications

UPGRADE TO PRO

Choose AMD Ryzen™ Processors for excellent performance, superb battery life, and modern security features. Upgrade to Ryzen™ PRO Processors to add PRO security, PRO manageability, and PRO business ready features.

	AMD Ryzen™ PRO Mobile Processors	AMD Ryzen™ Mobile Processors
Modern Productivity	✓	✓
AMD Secure Processor	✓	✓
AMD PRO security	✓	
AMD PRO manageability	✓	
AMD PRO business ready	✓	

AMD RYZEN 5000 SERIES VS COMPETITION

AMD RYZEN	CORES/ THREADS	ARCHITECTURE	PROCESS	L2 + L3 CACHE	TDP
Ryzen™ 7 5800U	8/16	"Zen 3"	7nm	20 MB	15W
Ryzen™ 7 5700U	8/16	"Zen 2"	7nm	19 MB	15W
Ryzen™ 5 5600U	6/12	"Zen 3"	7nm	10 MB	15W
Ryzen™ 5 5500U	6/12	"Zen 2"	7nm	10 MB	15W
Ryzen™ 3 5400U	4/8	"Zen 3"	7nm	10 MB	15W
Ryzen™ 3 5300U	4/8	"Zen 2"	7nm	10 MB	15W

INTEL CORE	CORES/ THREADS	PROCESS	CACHE	TDP
i7-1165G7	4/8	10nm	17 MB	28W
i5-1135G7	4/8	10nm	13 MB	28W
i3-1125G4	4/8	10nm	8.5 MB	28W
i3-1115G4	2/4	10nm	8.5 MB	28W

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To find out more about AMD Ryzen™ Processors, please visit **www.AMD.com**

1. Ryzen 5000 series mobile processors will offer up to 8 cores. As of January 2021, this is the most number of cores offered on an AMD or Intel mobile processor. CZM-2
2. Testing as of 12/8/2020 by AMD Performance Labs utilizing Dell-XPS-13-9310_2-in-1 with Intel® Core i7-1165G7 processor, Intel(R) Iris(R) Xe Graphics, 16 GBytes RAM - 4267 MHz, KBG40ZPZ1T02 NVMe KIOXIA 1024GB Drive with Win Pro vs. AMD Reference design with a Ryzen 7 PRO 5850U processor, Radeon integrated graphics, 16GB LPDDR4 RAM - 4266, Samsung 970 Pro 512GB Drive with Win Pro, using the following tests: CineBench R20 1-thread, CineBench R20 n-thread, Geekbench v5 (5.3.1) Multi-Core Score (64-bit), Passmark 10 CPU Mark, PCMark® 10 Benchmark, PCMark® 10 APP Performance Overall. PC manufacturers may vary configurations yielding different results. Results may vary. PCMark® is a registered trademark of Futuremark Corporation. CZP-28
3. Testing as of 12/8/2020 by AMD Performance Labs utilizing DELL XPS 13 9310 with Intel® Core i5-1135G7 processor, Intel(R) Iris(R) Xe Graphics, 16 GBytes RAM - 4267 MHz, Micron 2300 NVMe 512GB Drive with Win Pro vs. AMD Reference design with Ryzen 5 PRO 5650U processor, Radeon integrated graphics, 16GB LPDDR4 RAM - 4266, Samsung 970 Pro 512GB Drive with Win Pro, using the following tests: CineBench R20 1-thread, CineBench R20 n-thread, Geekbench v5 (5.3.1) Multi-Core Score (64-bit), Passmark 10 CPU Mark, PCMark® 10 Benchmark, PCMark® 10 APP Performance Overall. PC manufacturers may vary configurations yielding different results. Results may vary. PCMark® is a registered trademark of Futuremark Corporation. CZP-29
4. Testing by AMD Performance Labs as of 12/08/2020 using an AMD Ryzen 7 5800U processor on an AMD Reference Platform configured with a 53WHr battery, WLAN enabled and Bluetooth off, using 1080p video playback (result: up to 21.4 hours) and the MobileMark 2018 benchmark test (result: up to 17.5 hours). CZM-33

"Zen 3" is a codename only and not an AMD product name.