

AMD RYZEN™ PRO 7040 SERIES PROCESSOR FOR BUSINESS LAPTOPS

POWERING SOME OF THE BEST BUSINESS PCs IN THE WORLD

The world's most advanced processors with unparalleled power efficiency for premium business laptops, with a new revolutionary Al engine providing premium Al collaboration experiences with unmatched battery life advantages, speed, and near-silent operation.



7FN 4

World's Fastest and Most Advanced Business Processor^{1,3}



4nn

Incredible power efficiency for business laptop processors



AMD RDNA3

World's most powerful integrated graphics¹



AMD Ryzen™ Al

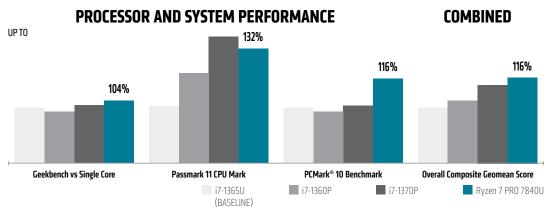
World's first integrated Al engine in an x86 processor²

DESIGNED FOR UNCOMPROMISING INNOVATION, SPEED, AND POWER

LEADERSHIP PERFORMANCE VS INTEL 13TH GEN

Faster Performance in Premium Business Laptops^{4,5}

- ✓ Superior "Zen 4" architecture
- ✓ 8 high performance cores
- "U Series" provides performance and power efficiency for T&L systems
- Competes against higher power "P Series"



BEST-IN-CLASS PRODUCTIVITY AND VIRTUAL COLLABORATION



Accelerate Performance using MS Office Apps while Running Teams⁶



+











MS Office Apps

UP TO 12% FASTER
15% LESS POWER
29% BETTER PERF/WATT
(AMD Ryzen PRO 7840U compared to Intel Core i7 1370P)



UP TO

Teams Battery Life Comparison^{7,12}



Teams Video Conference

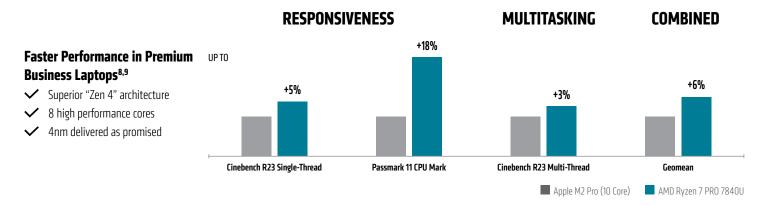
70% LONGER BATTERY LIFE (AMD Ryzen PRO 7840U compared to Intel Core i7 1370P)

63% LONGER BATTERY LIFE(AMD Ryzen PRO 7840U compared to Intel Core i7 1365U)

10% LONGER BATTERY LIFE

(AMD Ryzen PRO 7840U compared to Apple M2 Pro processors)

LEADERSHIP CPU PERFORMANCE VS APPLE M2 PRO



LEADERSHIP MULTITASKING WITH RYZEN™ AI

With 8 high-performance cores and AMD Ryzen™ AI, AMD Ryzen™ PRO 7040 series processors accelerate performance using MS Office apps while running Teams conference with all AI effects turned on.



83% FASTER¹³ (AMD Ryzen™ 7 PRO 7840U compared to Qualcomm SQ3 processor)



Teams Video Conference with AI Experiences









MS Office Apps

COMPETITIVE PROCESSORS

| AMD RYZEN PRO | P* CORES | PROCESS | INTEGRATED AI ENGINE | CONFIG. TDP | AMD PRO Technologies (COMPLETE) |
|-------------------------|----------|---------|-------------------------|----------------|---------------------------------------|
| AMD Ryzen™ 9 PRO 7940HS | 8P | 4nm | abla | 35-54 W | K |
| AMD Ryzen™ 7 PRO 7840HS | 8P | 4nm | V | 35-54 W | K |
| AMD Ryzen™ 5 PRO 7640HS | 6P | 4nm | V | 35-54 W | K |
| AMD Ryzen™ 7 PRO 7840U | 8P | 4nm | V | 15-28 W | K |
| AMD Ryzen™ 5 PRO 7640U | 6P | 4nm | V | 15-28 W | K |
| AMD Ryzen™ 5 PRO 7545U | 6P | 4nm | | 15-28 W | K |
| AMD Ryzen™ 5 PRO 7540U | 6P | 4nm | | 15-28 W | V |

| COMPARED TO (only the main processors) | P/E* CORES | PROCESS | INTEGRATED AI ENGINE | CONFIG. / Nominal TDP | INTEL vPRO |
|---|----------------------------|----------------|-------------------------|--------------------------|---------------------------|
| Intel Core i9-13900H Apple M2 Max | 6P,8E 8P,4E | Intel 7 5nm | ⊗ ∨ | 35-115 W 79W | Enterprise |
| Intel Core i7-13800H/13700H Apple M2 Pro/ M2 Max | 6P,8E 8P,4E/8P, 4E | Intel 7 5nm | ⊗ > | 35-115 W 30W/79W | Enterprise |
| Intel Core i5-13600H/13500H | 4P, 8E | Intel 7 | 8 | 35-95 W | Enterprise/ Essentials |
| Intel Core i7-1370P/1360P/1355U Apple M2 | 6P,8E/4P,8E/2P,8E 4P/4E | Intel 7 5nm | ⊗ ∨ | 12-64 W 20 W | Enterprise/ Essentials |
| Intel Core i5-1350P/1340P/ 1335U | 4P,8E/ 2P,8E | Intel 7 | 0 | 12-64 W | Enterprise/ Essentials |
| Intel Core i5-1350P/1340P 1335U | 4P,8E/ 2P,8E | Intel 7 | 8 | 12-64 W | Enterprise/ Essentials |
| Intel Core i5-1350P/1340P 1335U | 4P,8E/ 2P,8E | Intel 7 | 0 | 12-64 W | Enterprise/ Essentials |

*P = Performance Cores | *E = Efficiency Cores

AMD PROCESSORS PROVIDE



Leadership **Performance**



Ultra Power Efficiency



Most Modern Security¹¹



Premium Al Experiences



G Open Standard Based Manageability

It is highly recommended to pair this battlecard with 2023 AMD PRO Technologies for Ryzen PRO Technical Guide which covers the cutting edge security features, robust manageability tools, and enterprise grade stability and reliability that comes in-built with AMD RyzenTM PRO processors. These features together deliver a complete solution for the modern business.

VISIT AMD.COM/PARTNER Your source for tools, training, news, reviews, and much more!

To find out more about AMD Ryzen™ PRO Processors, please visit www.AMD.com/pro

220

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Testing as of 1/31/23. by BOX fin-fondings, commissioned by AMD, utilizing an IP Elitebook 86 5 (10 with Proper 1807 7-850) processor (#SN) Integrated Radeon Caphics, 15CB RAM, 118 NMe SSD, Windows 11 Pro. werea a aimlanly configured Del Latitude S-640 with an Intel Core 17-1850 processor (#SN) Intel Interpreted graphics, 50CB RAM SSD, Windows 11 Pro. werea a aimlanly configured Del Latitude S-640 with an Intel Core 17-1850 processor (#SN) Intel Interpreted graphics, 50CB RAM SSD, Windows 11 Pro. werea a aimlanly configured Del Latitude S-640 with an Intel Core 17-1850 processor from Radio with decide and Inadows are the roby of 87 for processor with decided and Inadows are the roby

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