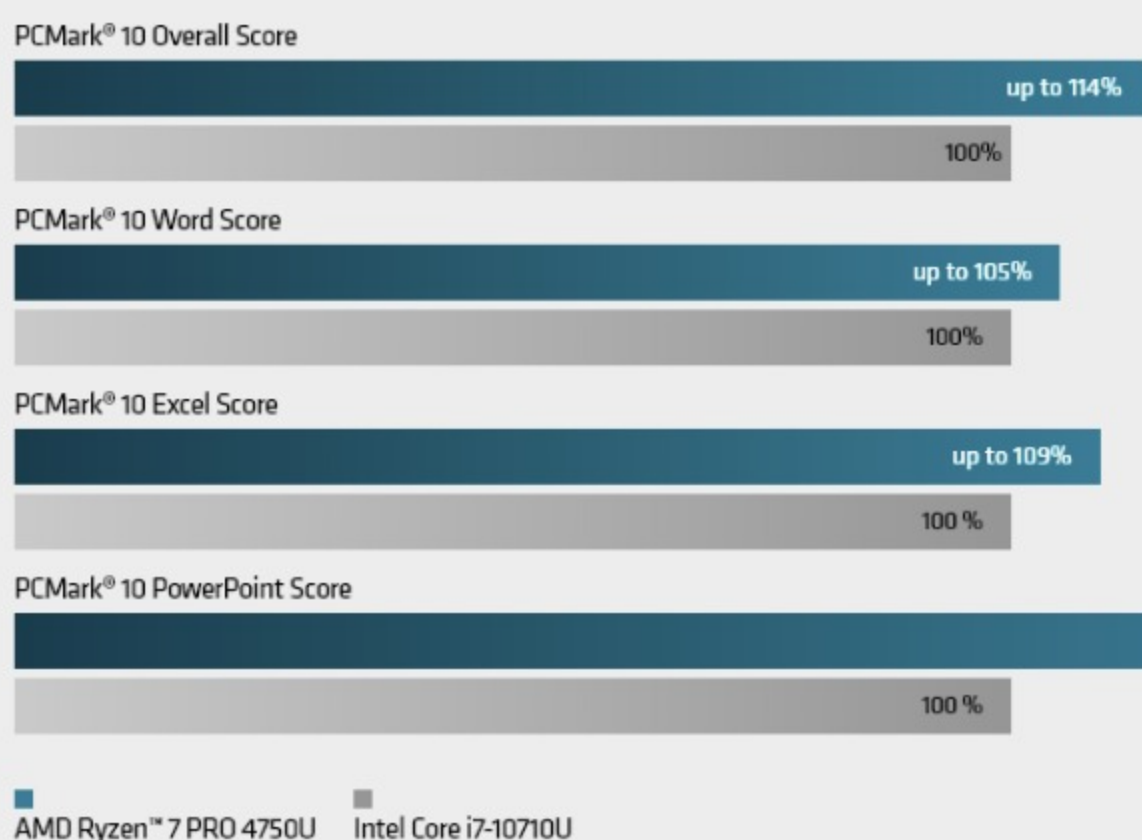


## Performance for Demanding Workloads

With the most cores and threads in every class for business laptop processors virtually everything runs better<sup>6</sup>. From data crunching to office productivity to content creation, AMD Ryzen™ PRO processors showcase excellent performance and responsiveness across a wide variety of workloads whether working from home, the office, or on the go.

### Performance Comparison - AMD Ryzen 5 PRO 4650U<sup>7</sup>



■ AMD Ryzen™ 7 PRO 4750U ■ Intel Core i7-10710U

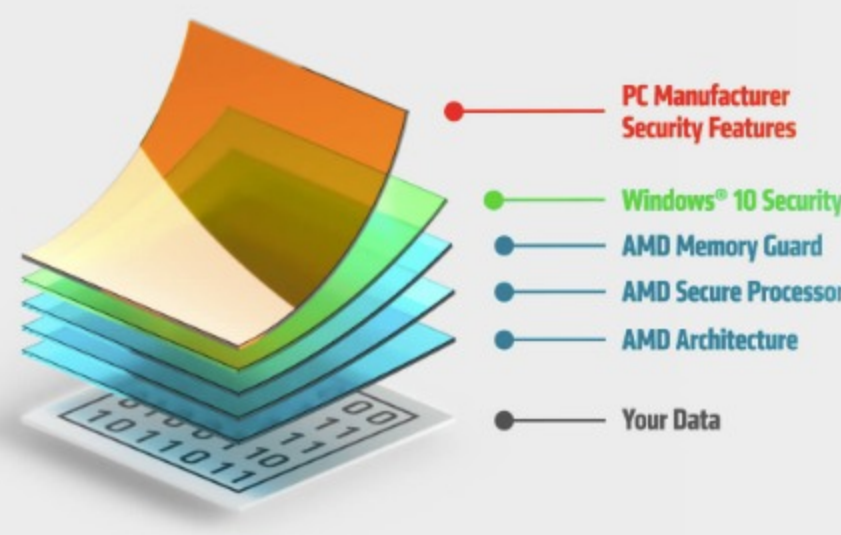
### More Power. Less Plug.

Built on the advanced 7nm technology and optimized “Zen 2” architecture, AMD Ryzen™ and Ryzen PRO 4000 Series Mobile Processors enable unprecedented levels of performance for enhanced productivity and exceptional battery life - up to 2X the performance-per-watt when compared to our previous generation processors<sup>8</sup>. A premium mobile platform with the AMD Ryzen 7 PRO 4750U processor has a projected battery life of up to 20+ hours<sup>9</sup>

## The Most Modern Security<sup>10</sup>

Through a modern, multi-layered approach to security, AMD Ryzen™ processors help businesses protect data, avoid downtime, and reduce resource drain:

- “Zen” processor architecture is designed from the ground up with security features as a priority to help address today’s more sophisticated attacks
- An integrated security processor helps protect confidentiality and integrity of data
- AMD works closely with Microsoft® and PC manufacturers to enable and complement their enterprise-level security features
- Exclusive to AMD processors with PRO technologies, AMD Memory Guard™ provides real time encryption of system memory to help protect against physical attacks should your laptop be lost or stolen.

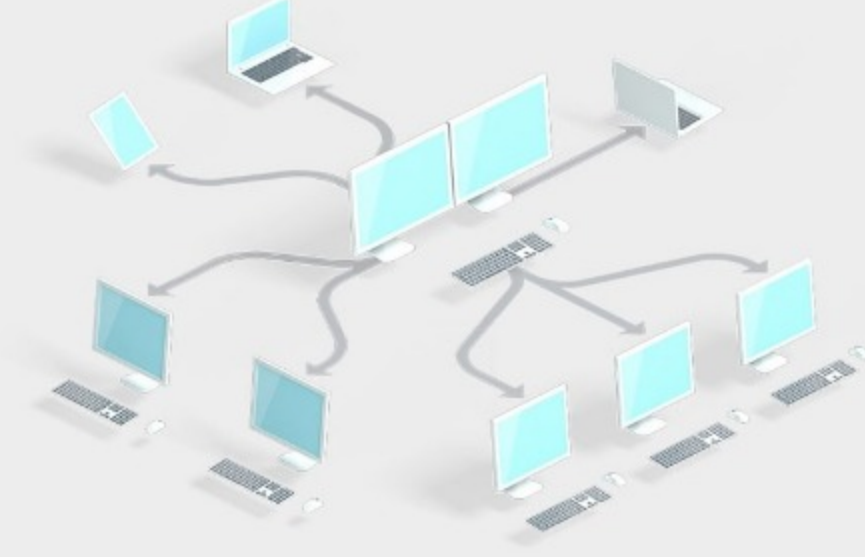


## Did you know a PC in sleep mode is a data risk?

Help secure your entire system memory with AMD Memory Guard. AMD processors with PRO security are the world’s only processor family with AMD’s full memory encryption as a standard feature<sup>11</sup>. AMD Memory Guard helps protect data with full memory encryption should your PC be lost or stolen.

## AMD PRO manageability

Your business. Your choice. All AMD Ryzen™ PRO Processors come with a rich manageability feature set for simplified deployment, imaging, and management that is compliant with your current infrastructure. Additionally, AMD Ryzen™ PRO Processors support Microsoft Endpoint Manager to deliver a flexible and integrated cloud management solution.



## Fast growing business meets fastest growing processor

Raise your business to new heights with the fastest growing commercial processor brand.<sup>1</sup>

**AMD**  
**RYZEN**

## AMD PRO business ready

AMD PRO Processors are designed for quality, reliability, and longevity for long-term stability and peace-of-mind. With feature consistency across all models.



## Which processor is right for my business?

	AMD Athlon™ PRO Processors	AMD Ryzen™ 3 PRO Processors	AMD Ryzen™ 5 PRO Processors	AMD Ryzen™ 7 PRO Processors
<b>Data Crunching</b> Pivot large data sets, financial workloads, compile code				✓
<b>Light Media Editing</b> Edit audio and photos			✓	✓
<b>Advanced Multitasking</b> Run multiple apps simultaneously		✓	✓	✓
<b>Everyday Productivity</b> Office applications, email, and video conferencing	✓	✓	✓	✓
<b>Ready for Business</b> Professional grade security features, manageability, and reliability	✓	✓	✓	✓



<sup>1</sup>The information contained herein is for informational purposes only and is subject to change without notice. “Zen” is a code name for AMD architecture, and is not a product name. GD-12

<sup>2</sup>Source: IDC PC Device Tracker data, 2020Q1. AMD has gained the most share among PC processor vendors for x86 processors for consumer and commercial desktops and notebooks from Q2 2017 through Q1 2020. (RNP-1)

<sup>3</sup>As of February 2020. “Most advanced technology” defined as superior 7nm process technology in a smaller node, 15W typical TDR. RNP-18

<sup>4</sup>Testing as of 1/24/2020 by AMD Performance Labs on a Ryzen™ 7 PRO 4750U Reference Platform vs. i7-10710U (Dell XPS 13) vs. i7-10510U (Dell XPS 13). 3DMark is a registered trademark of Futuremark Corporation. Results may vary. RNP-7

<sup>5</sup>Testing as of 1/24/2020 by AMD Performance Labs on a Ryzen™ 5 PRO 4650U Reference Platform vs. i5-10210U (MSI Modern 14). 3DMark is a registered trademark of Futuremark Corporation. Results may vary. RNP-9

<sup>6</sup>As of February 2020. “Most Cores and Threads” in a mobile business processor for ultrathin notebooks than the equivalent Intel vPRO enabled processor. RNP-21

<sup>7</sup>Testing as of 1/24/2020 by AMD Performance Labs on a Ryzen™ 7 PRO 4750U Reference Platform vs. i7-10710U (Dell XPS 13). PCMark is a registered trademark of Futuremark Corporation. Results may vary. RNP-8

<sup>8</sup>Based on AMD internal analysis and testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen™ 7 4800U vs. 2nd Gen Ryzen™ 7 3700U in Cinebench R20 Benchmark. Results may vary. RM3-123

<sup>9</sup>Projected battery life attainment with Ryzen 7 PRO 4750U based on AMD internal measurements with an AMD internal reference platform and pre-production customer platform configurations. Actual results will vary by platform configuration, battery capacity, applications, features, use, wireless functionality, and power management settings. RNP-24

<sup>10</sup>As of February 2020. Defined by Microsoft secured core PC - Modern security RNP-22

<sup>11</sup>For general business laptops and desktops AMD Memory Guard, full system memory encryption, is included in AMD Ryzen™ PRO and Athlon PRO processors. PP-3

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