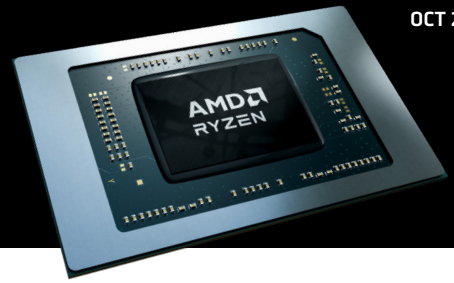


## AMD RYZEN™ PROCESSORS VS APPLE PROCESSORS



### UNLOCKED CREATIVITY

Accelerate your creative process with the speed you need for video editing, illustrating, modeling, rendering, and more.

#### AMD Ryzen™ 7 7840U vs Apple M2 (up to)



**28%** Faster 3D Rendering<sup>1</sup>



**8%** Faster Photo Editing<sup>2</sup>

#### AMD Ryzen™ 9 7940HS vs Apple M2 Pro (Up to)



**1%** Faster 3D Rendering<sup>3</sup>



**42%** Faster Photo Editing<sup>3</sup>

### INCREDIBLY RESPONSIVE

Experience instant responsiveness and snappy computing with AMD Ryzen™ processors.

#### AMD Ryzen™ 7 7840U vs Apple M2 (up to)



**9%**  
Faster single-threaded performance<sup>1</sup>

#### AMD Ryzen™ 9 7940HS vs Apple M2 Pro (up to)



**11%**  
Faster single-threaded performance<sup>3</sup>

### MASTER MULTITASKING

Balance simultaneous workflows – streaming while browsing, collaborating while conferencing, or working while researching.

#### AMD Ryzen™ 7 7840U vs Apple M2 (up to)



**44%** Faster Multitasking<sup>1</sup>

#### AMD Ryzen™ 9 7940HS vs Apple M2 Pro (up to)



**41%** Faster Multitasking<sup>3</sup>

### POWERFUL PRODUCTIVITY

Accelerate productivity workloads across common office apps.

#### AMD Ryzen™ 7 7840U vs Apple M2 (up to)



**10%**  
Faster Overall Productivity<sup>1</sup>



**34%**  
Faster at Microsoft Word<sup>1</sup>



**ON PAR**  
at Microsoft Excel<sup>1</sup>

### THE POWER OF RYZEN™ AI

Experience the power of personal AI with AMD Ryzen™ AI in select AMD Ryzen™ 7040 Series processors<sup>4</sup>. Optimize AI workloads and unlock magical new experiences with AI inside your laptop.

# AMD RYZEN AI

VISIT [AMD.COM/PARTNER](https://www.amd.com/partner), Your source for tools, training, news, and much more!

1. Testing as of Aug 2023, by AMD Performance Labs using a 16" laptop with AMD Ryzen 7 7840U 15W processor, integrated Radeon 780M graphics, 16GB RAM, 512GB NVMe SSD, Windows 11 Pro vs a MacBook Air 15" display with M2 processor, integrated graphics, 16GB RAM, 512GB SSD. Benchmarks tested: Blender, Cinebench R23, Geekbench, Procyon Office Productivity. PC manufacturers may vary configurations yielding different results. Performance may vary. PHX-48
2. Testing as of April 2023 by AMD Performance Labs using Cinebench R23, Passmark 10, Kraken, Puget, and Blender benchmarks. Configuration for AMD Ryzen 7 7840U: AMD Mayan reference board, 16GB RAM, Samsung SSD 980 PRO 1TB, BIOS RMH0081cA, integrated Radeon 780M graphics, Windows 11 Pro. Configuration for Apple M2: MacBook Pro 13", 16GB-LDDR5 RAM, 1TB Apple SSD APOS12Z. OEMs may vary configurations yielding different results. Results may vary. PHX-30
3. Testing as of March 2023, by AMD Performance Labs using a reference board with AMD Ryzen 9 7940HS processor, integrated Radeon 780M graphics, 16GB RAM, 1TB SSD, Windows 11 Pro vs a MacBook Pro 14" display with M2 Pro 10-core processor, integrated graphics, 16GB RAM, 1TB SSD. Benchmarks tested: Puget Adobe Photoshop, Cinebench R23, Kraken, Blender. PC manufacturers may vary configurations yielding different results. Performance may vary. PHX-49
4. Ryzen™ AI technology is compatible with all AMD Ryzen 7040 series processors except the Ryzen 5 7540U and Ryzen 3 7440U. OEM enablement is required. Please check with your system manufacturer for feature availability prior to purchase. GD-220.

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