



CHOOSING A PC THAT'S UP TO THE TASK

How laptops powered by the right CPU make a difference

AMD
RYZEN
PRO



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- Recommended processors
- Recommended laptops



PRODUCT BENEFITS

AMD RYZEN™ PRO 6000 SERIES

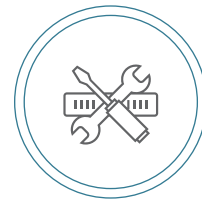
THE WORLD'S MOST ADVANCED MOBILE PROCESSORS¹

Give your business an edge with laptops powered by the next generation of AMD processors for business. Propel productivity, enhance collaboration, and inspire creativity with leading performance for an exceptional user experience. AMD Ryzen™ 6000 Series processors with AMD PRO technologies deliver the enterprise-grade security features, manageability, and reliability that today's businesses require.



MEET PRODUCTIVITY DEMANDS

Leading PC performance and premium mobile experiences



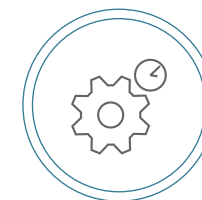
SIMPLIFY IT OPERATIONS

Robust management tools for deployment, imaging, and maintenance



HELP ADDRESS SECURITY RISKS

Innovative data protection features at the hardware, OS, and system levels



COUNT ON PLATFORM LONGEVITY

Planned stability, availability, quality assurance, and reliability

PRODUCT FEATURES

INNOVATION DESIGNED FOR PROFESSIONALS

Technology for business should be as innovative and ever-evolving as the companies that rely on it. AMD Ryzen™ PRO 6000 Series processors bring a new architecture and new features that deliver premium experiences for professional laptop users.



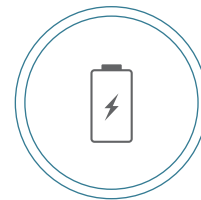
SUPERIOR PERFORMANCE

Up to eight high-performance cores
 —
 Leadership performance and power efficiency with “Zen 3+” architecture



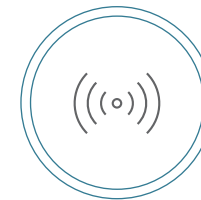
STUNNING GRAPHICS

AMD RDNA™ 2 integrated graphics
 —
 Up to 2x more graphics performance than the previous generation²



LONG BATTERY LIFE

Intelligent battery management
 —
 Up to 24 hours of battery life³



CUTTING-EDGE CONNECTIVITY*

Wi-Fi 6E networking
 —
 Long-range HD-quality Bluetooth audio
 —
 Universal docking with high-bandwidth 40Gbps USB4

*On supported OEM systems

PRODUCT FEATURES

AMD PRO TECHNOLOGIES

AMD Ryzen™ PRO 6000 Series processors with AMD PRO technologies deliver cutting-edge security features, advanced manageability tools, and consistent user experiences across generations.



AMD PRO SECURITY

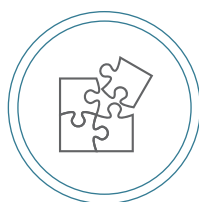
Help address security risks with multilayered data protection features

- Help prevent sophisticated attacks with AMD "Zen+" architecture and AMD Memory Guard

- Chip-to-cloud data protection with the Microsoft Pluton security processor⁵

- Help safeguard against firmware vulnerabilities with Microsoft Secured-core PC

- Features that complement OEM system security technologies



AMD PRO MANAGEABILITY

Streamline IT operations using robust management tools

- Simplified multi-vendor management

- Compatibility with traditional and modern enterprise mobility management (EMM) solutions

- Seamless Microsoft deployment

- Wireless manageability with the integrated AMD Manageability Processor⁶



AMD PRO BUSINESS READY

Count on platform longevity and maximize return on investment

- 18 months of planned software stability

- 24 months of planned availability

- Enterprise-grade quality assurance and reliability



PRODUCT SERIES

U-SERIES, HS-SERIES, H-SERIES

AMD Ryzen™ PRO 6000 Series processors are available in three series designed to meet unique business needs.

AMD RYZEN™ 6000 U-SERIES PROCESSORS

Premium performance for thin and light laptops

Be ready anywhere to take on the challenges of remote collaboration and modern productivity. With up to eight high-performance processing cores based on new power-efficient “Zen 3+” architecture, AMD Ryzen™ 6000 U-Series processors offer thin and light business laptop users uncompromising performance and portability.

AMD RYZEN™ 6000 HS-SERIES PROCESSORS

Powerful combination of performance and portability

For those who push the limits with specialized business and content creation applications, AMD Ryzen™ 6000 HS-Series processors deliver advanced performance while maintaining impressive power efficiency for work on the go. Built for speed and responsiveness, the HS-Series delivers blazing-fast performance for typical office workflows.

AMD RYZEN™ 6000 H-SERIES PROCESSORS

Ultimate performance for powerhouse laptops

For powerhouse users who need unleashed performance for the most demanding business and content creation applications, AMD Ryzen™ 6000 H-Series processors offer the highest levels of performance available for business-class laptops. Built to create, the H-Series delivers elite-level performance for tasks such as rendering and encoding.



PC SELECTION

PICKING THE RIGHT PC FOR THE JOB

LAPTOPS FOR EVERYDAY OFFICE TASKS vs. POWERHOUSE PRODUCTIVITY TASKS

When evaluating laptops for your business, define your task and then start at the core. Once you find a processor with the performance to take on your specific tasks, you can pinpoint the ideal PC.

TASK

1



PROCESSOR

2



PC

3



EVERYDAY OFFICE: RECOMMENDED PROCESSORS

EVERYDAY OFFICE TASKS

Speed and responsiveness are two of the most important things to look for when investing in laptops for day-to-day activities like creating spreadsheets and attending online meetings.

1

TASKS AND APPLICATIONS

Office productivity



Microsoft Word



Excel



PowerPoint



Outlook

Internet browsing



Google Chrome



Microsoft Edge



Mozilla Firefox

Collaboration



Zoom



Microsoft Teams

2

RECOMMENDED PROCESSORS

AMD Ryzen™ 6000 U-Series processors

Power through projects with the uncompromising speed up to eight high-performance cores based on “Zen 3+” architecture

Work from anywhere with ultra-long battery life, thanks to intelligent power management

AMD Ryzen™ 6000 HS-Series processors

Maximize productivity in specialized business applications, with the advanced performance up to eight “Zen 3+” processing cores

Achieve studio-quality videoconferencing with built-in AI-powered audio processing and the most powerful graphics in a business PC processor⁴

EVERYDAY OFFICE: RECOMMENDED LAPTOPS

EVERYDAY OFFICE TASKS

3

LAPTOPS POWERED BY
AMD RYZEN™ 6000 U-SERIES PROCESSORS



Lenovo ThinkPad X13

Durable and powerful 2-in-1 with a small footprint to maximize portability

Lenovo ThinkPad T-Series

Flagship laptops built to perform and engineered to endure

Lenovo ThinkPad Z13

A lightweight, ultramobile business device built to last

HP EliteBook 835

One of HP's top enterprise laptops for business travelers and remote workers

HP EliteBook 845

Ultralight and thin business PC designed for the multitask, multiplace workday

HP EliteBook 865

Easy to carry business laptop built for how you work today

LAPTOPS POWERED BY
AMD RYZEN™ 6000 HS-SERIES PROCESSORS



HP EliteBook 845

Ultralight and thin business PC designed for the multitask, multiplace workday

HP EliteBook 865

Easy to carry business laptop built for how you work today



POWERHOUSE PRODUCTIVITY: RECOMMENDED PROCESSORS

POWERHOUSE PRODUCTIVITY TASKS

When it comes to laptops for heavy multitasking and light content creation, it's all about high performance and smooth graphics.

1

TASKS AND APPLICATIONS

Photo and video editing



Adobe Photoshop



Adobe Premiere

Office productivity



Microsoft Word



Excel



PowerPoint



Outlook

Internet browsing



Google Chrome



Microsoft Edge



Mozilla Firefox

Collaboration



Zoom



Microsoft Teams

2

RECOMMENDED PROCESSORS

AMD Ryzen™ 6000 HS-Series Processors

Manage demanding workloads quickly without being chained to a desk, using the advanced performance up to eight “Zen 3+” processing cores

Accelerate image editing, from cropping to compression, with AMD RDNA™ 2 architecture integrated graphics

AMD Ryzen™ 6000 H-Series Processors

Multitask with elite-level performance powered up to eight high-performance “Zen 3+” cores

Edit video content and images fast while supporting multiple high-resolution displays, with AMD RDNA™2 graphics architecture, the most powerful integrated graphics⁴

POWERHOUSE PRODUCTIVITY: RECOMMENDED LAPTOPS

POWERHOUSE PRODUCTIVITY TASKS

3

LAPTOPS POWERED BY
AMD RYZEN™ 6000 HS-SERIES PROCESSORS



HP EliteBook 845

Ultralight and thin business PC designed for the multitask, multiplace workday

HP EliteBook 865

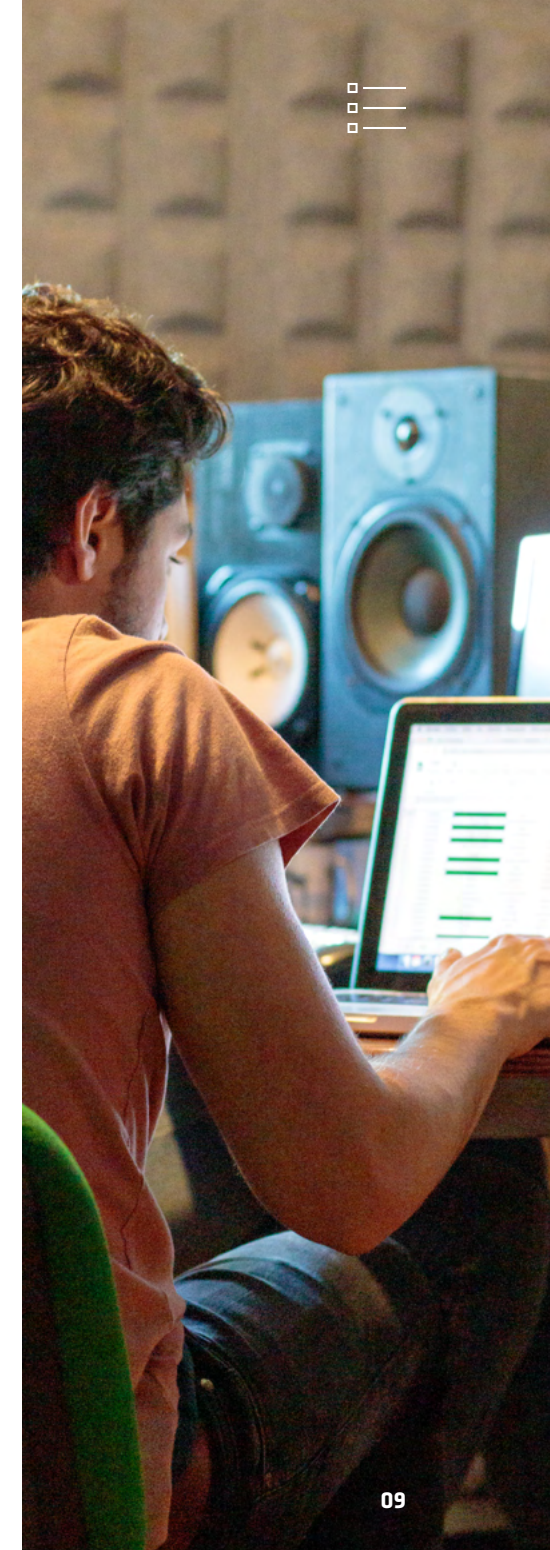
Easy to carry business laptop built for how you work today

LAPTOPS POWERED BY
AMD RYZEN™ 6000 H-SERIES PROCESSORS



Lenovo ThinkPad Z16

Performance powerhouse with a modern, portable design



AMD FOR BUSINESS

GET THE BEST PC FOR THE JOB

Discover how you can propel productivity, enhance collaboration, and inspire creativity with laptops powered by AMD Ryzen™ PRO 6000 Series processors.

[LEARN MORE ABOUT AMD RYZEN™ PRO PROCESSORS](#)



¹ As of December 2021, the Ryzen™ 6000 Series processors for mobile are the “Most advanced mobile processors for PCs,” defined as processors for x86 laptops enabled by superior 6nm manufacturing technology, vs. Intel’s 11th Gen and 12th Gen mobile processors which use the 10nm “Intel 7” node. RMB-1

² Based on testing by AMD as of 12/14/2021. CPU performance evaluated with a geomean of 9 multi-threaded content creation and CPU tests. GPU performance evaluated with 3DMark® Time Spy. System configuration for Ryzen™ 7 5800U CPU/GPU performance: HP ProBook 635 Aero G8 configured with 2x8GB DDR4-3200 (22-22-22), Windows® 11 22000.282, Samsung 980 Pro 1TB SSD, 15W nominal processor TDP, GPU driver 27.20.21026, BIOS T83. System configuration for Ryzen™ 7 6800U CPU/GPU performance: AMD reference motherboard configured with 4x4GB LPDDR5-6400 (40-39-45-90), Windows® 11 22000.282, Samsung 980 Pro 1TB SSD, 28W nominal processor TDP, GPU driver 30.0, BIOS TRM0081D. Performance may vary RMB-13

³ Based on testing by AMD as of 12/14/2021. Battery life evaluated with hours of continuous 1080p local video playback using the h.264 video codec. Video codec acceleration (including at least the HEVC (H.265), H.264, VP9, and AV1 codecs) is subject to and not operable without inclusion/installation of compatible media players. System configuration: AMD reference motherboard(s), Ryzen™ 7 5800U @ 15W and 2x8GB LPDDR4, Ryzen™ 7 6800U @ 28W and 2x8GB LPDDR5, 1080p eDP PSR display with Varibright at 150 nits, Samsung 980 Pro 1TB SSD, WLAN enabled and disconnected, Windows 11 22000.282, BIOS 103BRC1 (5800U) and 090RC6INT (6800U). Video file: 1920x1080, 23.976 FPS, h.264. RMB-15

⁴ Based on testing by AMD as of 12/14/2021. CPU performance evaluated with an average of seven multi-threaded content creation and CPU tests. GPU performance evaluated with an average of six 3DMark® GPU tests. System configuration for Intel® Core™ i7-1185G7 CPU/GPU performance: Dell Latitude 5420 configured with 2x16GB DDR4-3200, Windows® 11 Professional build 22000.318, Samsung 980 Pro 1TB SSD, 28W nominal processor TDP, Intel Iris Xe Graphics. System configuration for Ryzen™ 7 PRO 6850U CPU/GPU performance: AMD reference motherboard configured with 4x4GB LPDDR5-6400 (40-39-45-90), Windows® 11 Professional build 22000.282, Samsung 980 Pro 1TB SSD, 28W nominal processor TDP, AMD Radeon™ 680M graphics, GPU driver 30.0, BIOS TRM0081D. Performance may vary. RMP-12

⁵ Microsoft Pluton is a technology owned by Microsoft and licensed to AMD. Microsoft Pluton is a registered trademark of Microsoft Corporation in the United States and/or other countries. Learn more at <https://www.microsoft.com/security/blog/2020/11/17/meet-the-microsoft-pluton-processor-the-security-chip-designed-for-the-future-of-windows-pcs/>

⁶ AMD Manageability Processor requires OEM enablement. Check with the system manufacturer prior to purchase. GD-193