

Deliver performance your customers can count on.

AI workstations built for demanding, high-performance workloads

/ AMD

Engineers, data scientists, creatives, and designers have always required high-performance computers.

Hybrid work and emerging AI workflows have added a whole new set of considerations that raise additional challenges when outfitting these teams.

They require even greater computing power that can handle even more data and higher processing speeds to keep pace with AI solutions and workflows. They also need to be as productive outside the office as they are from their desks– and standard laptops simply won't suffice.

ZBook mobile workstations are built to deliver the power, performance, and security that power users need to multitask without worry from wherever they work.

Engineered for advanced workflows

HP Z mobile workstations provide mobile workstations provide flexibility without compromising on performance. ZBooks are engineered with pro-grade components including advanced processors from partners like AMD, discrete GPUs, NPUs, and large memory configurations—backed by ISV certifications and rigorous testing on AI-driven workflows. With ZBooks, you can meet the needs of your customers most demanding power user.





Unlock pro-level performance

Have the power for accelerated workflows.

- Purpose-built for the next era of AI software.[1]
- Power through AI workloads with energy-efficient advanced processors like the AMD Ryzen™ AI PRO Series processors.[1]
- Offload productivity-based AI tasks to the NPU and optimize efficiency.[2]
- Add discrete graphics[3] for high-performance parallel processing.

Deliver power to push limits

Provide long battery life and peak performance under heavy workloads.

- Designed to run quietly and efficiently dissipate heat.
- HP Smart Sense[4] intelligently optimizes power and thermal performance based on app usage.
- HP Power Manager[5] with AI-enhanced smart power management to monitor battery performance.



Put AI at their fingertips

Give teams the tools to help them focus on the tasks that matter.

- Integrated Copilot key[6] provides one-touch access to AI assistance.
- Easily leverage Copilot to expedite work by automating repetitive tasks and streamlining workflows.



Create distraction-free collaboration

Enable more productive meetings with AI-powered audio and video tools that keep teams focused and engaged.

- 5MP camera[7,8] with HP Auto Frame[9] so users can move around without losing viewers' attention.
- Dynamic Color Tuning[7] to assure images appear precisely as they should.
- Windows Studio Effects[10] for AI enhancements like voice focus, portrait light, and eye contact teleprompter.
- High-quality mics for maximum voice capture.
- Optimum voice clarity with HP Dynamic Voice Leveling.[7]
- AI Noise Reduction[11] to filter inbound and outbound background noise.

Protect ideas and IP

Keep threats at bay wherever people work with hardware-enforced security.

- Equipped with HP Wolf Security for Business.[12]
- HP Sure View[13] display makes screens unreadable from the side.
- Dedicated Endpoint Security Controller chip validates integrity of the BIOS and other firmware for enhanced hardware-based security.

Laptops built for professional software

Ensure compatibility with the software that your teams depend on, including Ansys, Avid, Siemens Digital Industries Software, and Autodesk.[14]

- Rigorously tested by independent software vendors.
- Workstations optimized for your workflows.
- Elevated user-experience and seamless performance optimization.

The right ZBook for the right workload

Take on hybrid mobility, AI, and demanding daily workflows

ZBook Ultra G1a

Transformative AI Performance.
Redefining Workflows.

Up to AMD Ryzen™ AI Max+ PRO 395 processor[1]

- Advanced 3D CAD design/BIM
- Real time rendering
- Simulation and visualization
- AI inferencing and working locally with language models



ZBook 8 G2a

Uplevel to mobile pro performance.

Up to AMD Ryzen™ AI 9 HX PRO 470 processor[1]

- 2D CAD & 3D Modeling
- Photography
- Graphic design
- Multitasking across large Microsoft Office files



Accelerate AI-Driven Workflows with HP Z Workstations

Help customers take on complex workloads with confidence. HP Z Workstations and solutions empower teams to work faster, innovate more, and stay productive in an AI-driven world.



Take workstation performance as far as it can go

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1. Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.
2. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specifi c confi guration or compatibility requirements. Performance varies by use, confi guration, and other factors.
3. Graphics is an optional feature that must be configured at purchase.
4. Smart Sense requires the myHP app and Windows 11 OS. Features may vary by platform.
5. HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.
6. Copilot key only avaliable on ZBook Firefly G11, ZBook Power G11 and ZBook Studio G11. Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Copilot key on Firefly, Power and Studio opens the AI assistant window, on Fury it opens Bing. See http://aka.ms/WindowsAIFeatures.
7. Requires the myHP application and Windows OS.
8. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures.
9. Automatic framing is a Windows Studio feature that requires Windows 11 OS and a processor equipped with an NPU.
10. Windows Studio Effects requires Windows 11 OS and a processor equipped with an NPU.
11. AI Noise Suppression is delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers. Requires Windows 10 or higher, compatible with internal PC speakers, microphone and analog headsets. The AI Noise Suppression setting can be configured through the Application HP Audio Control.
12. HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.
13. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
14. Third party software sold separately.

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