

HP ZBook 8 G1ak 14 inch Mobile Workstation PC Wolf Pro Security Edition (D07DVAT)



Up level performance. Not size.

Pro-level performance combines with true mobility in this sleek and powerful laptop. Review 3D designs, create with AI tools in pro apps, run Copilot[1] locally and work on multiple projects anywhere. Stay productive with an AI PC mobile workstation that delivers power efficiency and long-lasting battery.[2]



Upgrade to pro-level components

Say goodbye to lags and crashes with fast responsiveness on projects. With up to an AMD Ryzen™ AI 7 PRO 350 processor[3] and large memory configurations,[4] open large files and run pro apps simultaneously for speedy multitasking and increased productivity.

Work all day. Anywhere.

The most mobile ZBook, now redesigned, is made to move. With a long-lasting battery[2] this sleek device is small enough to fit in your bag so you can stay productive anywhere. This is high performance workstation power on the go.

Accelerate AI workflows

Hardware AI accelerators deliver power to propel advanced workloads. Offload and run productivity tasks locally on up to 50 TOPS NPU[5] while also multi-tasking across AI accelerated professional applications.

Featuring

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. [8]

AMD Ryzen™ AI PRO processor

Unleash power-efficient performance with a next-gen AMD Ryzen™ AI PRO processor. This CPU unlocks new levels of performance for the next era of AI-enhanced software and greatly increases efficiency for productivity tasks. [9]

HP Z Turbo Drive High-speed Storage

Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage. [10]

HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [11]

Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

Specifications

Operating System Software	Windows 11 Pro ^[1]
Processor Family	AMD Ryzen™ AI 7 PRO processor
Processor Name	AMD Ryzen™ AI 7 PRO 350 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Chipset	AMD integrated SoC
Standard Memory Description 01	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	2 SODIMM; supports dual channel
Hard Drive Description (01)	512 GB PCIe® Gen4 NVMe™ TLC SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 860M Graphics
Display Description (metric)	35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC
Display Description	14" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC ^[24,35,37]
Audio Features	Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Product Dimensions (metric)	31.56 x 22.2 x 1.89 cm (Dimensions vary by configuration)
Product Dimensions (imperial)	12.43 x 8.74 x 0.74 in (Dimensions vary by configuration)
Weight (metric)	Starting at 1.44 kg (Weight varies by configuration and components.)
Weight (imperial)	Starting at 3.18 lb (Weight varies by configuration and components.)
Package Dimensions (metric)	441 x 274 x 63 mm
Package Dimensions (imperial)	17.36 x 10.79 x 2.48 in
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard
Pointing Device	Clickpad with multi-touch gesture support
Integrated Camera	5 MP IR AI camera
External I/O Ports	1 HDMI 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ^[12,13,14]
External I/O Ports 02	1 security lock slot; 1 RJ-45 Ethernet port; 1 USB Type-A 5Gbps signaling rate (powered); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)
Network Interface	Realtek RTL8111EPP-CG GbE
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card
Power Supply Required	100 W USB Type-C® slim adapter ^[7]
Battery Type	HP Long Life 3-cell, 62 Wh Li-ion polymer
Battery Recharge Time	Supports battery fast charge: approximately 50% in 30 minutes ^[43]
Ecolabels (fixed)	TCO Certified
Energy Star Certified	ENERGY STAR® certified
Sustainable Impact Specifications	Low halogen; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic
UPC Number	(ABA) 199764875099; (ABL) 199764875082

Top Recommended Displays, Accessories and Services

Series 7 Pro

HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA

Wired Headset

Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
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Wireless Headset

Poly Voyager Legend 50 Headset UC	AT9M9AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA

Topload Bags

HP Travel Plus 15L 14-inch Laptop Bag	A2CE2AA
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Sleeves

HP Renew Executive 14-inch Laptop Sleeve	6B8Y3AA
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Backpacks

HP Renew Executive 16 Laptop Backpack	6B8Y1UT
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Wireless Keyboards

HP 475 Dual-Mode Wireless Keyboard	7N7B9UT
HP 685 Comfort Dual-Mode Keyboard	8T6L9UT
HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA

Wireless Mice

HP 435 Multi-Device Wireless Mouse	3B4Q5UT
HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
HP 715 Rechargeable Multi-Device Mouse	6E6F0AA

Docking

HP Thunderbolt 4 Ultra 180W G6 Dock	9X481UT
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Power Adapters

HP 110W USB-C Laptop Charger	8B3Y2UT
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Messaging Footnotes

[1] 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>.

[2] Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark25 battery benchmark <https://bapco.com/products/mobilemark-2018/> <https://bapco.com/products/mobilemark-25/> for additional details

[3] Multicore 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.

[4] Optional feature that must be configured at purchase.

[5] 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.

[8] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 11 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. 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] Multicore 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, branding, and/or naming is not a measurement of higher performance. Optional feature that must be configured at purchase. 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.

[10] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

[11] Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[6] 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.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[12] Maximum speed requires DisplayPort™ and PCIe aggregation.

[13] HDMI cable sold separately.

[14] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[24] HD content required to view HD images.

[35] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[37] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[43] Recharges up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.

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