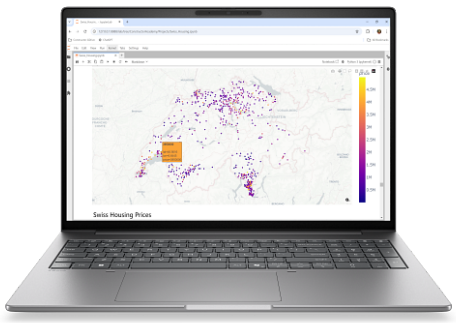
ProductSheet

HP ZBook 8 G2a 16 inch Mobile Workstation PC Wolf Pro Security Edition (DK8L3UT)

Uplevel to mobile pro performance.

Accomplish more anywhere[1]. The HP ZBook 8 introduces top performers to AI workstation power in a slim, light design to stay productive on demanding tasks like 3D modeling, design reviews, and architectural layouts – wherever your work takes you.



Uplevel to Mobile Pro Performance
Bring your biggest idea to life faster. With a next gen AMD Ryzen™ AI PRO processor with Copilot+ NPU[2], integrated Radeon unified memory graphics, and large memory configurations[3], the HP ZBook 8 delivers reliable pro app performance.

Ready to work. Anywhere.
Take your work with you in a thin and light laptop with a long lasting-battery[4]. Dual cooling fans allow you stay productive without overheating, and reliable connectivity options[5] help you stay connected wherever you are.

Unleash Local AI Power on ZBook 8
Save time for your best work with local AI on the ZBook 8—a powerful Copilot+ PC. Offload and run productivity tasks locally on the NPU[2] while also tackling demanding AI enhanced professional workflows.

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 Fast Charge
Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [10]

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.

Fast and efficient wireless LAN
The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit data rate Wi-Fi 7. [11]

Specifications

Operating system	Windows 11 Pro[1]
Processor family	AMD Ryzen™ AI 7 PRO processor
Processor	AMD Ryzen™ AI 7 PRO 450 (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Memory	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	1 TB PCIe® Gen5 NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ 860M Graphics
Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, 100% sRGB
Display	16" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, 100% sRGB[7,24,35,37]
Audio	Audio by Poly Studio, 2 integrated stereo speakers (1W/8 ohm per speaker), discrete amplifiers, 2 integrated dual array digital microphones
Dimensions (W x D x H)	35.9 x 25 x 1.9 cm *(Dimensions vary by configuration)*
Dimensions (W x D x H)	14.13 x 9.84 x 0.75 in *(Dimensions vary by configuration)*
Weight	Starting at 1.76 kg *(Weight varies by configuration and components.)*
Weight	Starting at 3.88 lb *(Weight varies by configuration and components.)*
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard with numeric keypad
Pointing device	ClickPad Glass with multi-touch gesture support, taps enabled as default
Camera	5 MP IR AI camera
Ports	1 HDMI 2.1; 1 3.5 mm audio combo jack; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1)[12,13,14]
Ports	1 USB Type-A 5Gbps signaling rate; 1 nano security lock slot; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)
Wireless	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 6.0 wireless card
Power	65 W USB Type-C® adapter
Battery type	HP Long Life 3 cell, 68 Wh Polymer
Battery recharge time	Supports battery HP fast charge: approximately 50% in 30 minutes[43]
Sustainability specifications	Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 60% post-consumer recycled plastic; Low halogen; Bulk packaging available; External power supply 90% efficiency
UPC number	826581206378
Support service included	HP 3y Offsite Notebook Supp. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA8-2302ENW & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123ENUS.pdf

Top Recommended Displays, Accessories and Services

Support Services (Workforce Computing)	
HP 4y Onsite MWS	U85S7E
HP 4y Onsite w/Predictive Detection Alerts MWS	U86CNE
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access MWS	UF4H2E
Backpacks	
HP Everyday 16-inch Laptop Backpack	A08KLUT
HP Travel Plus 30L 17-inch Laptop Backpack	A2CE0AA
Topload Bags	
HP Travel Plus 22L 16-inch Laptop Bag	A2CE1AA

Messaging Footnotes

[1] Compared to HP ZBook G1a.

[2] 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 an 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.

[3] Memory is an optional feature that must be configured at purchase.

[4] Based on preliminary engineering estimates and the comparison between ZBook 8 G1i with a 62Whr and ZBook 8 G2i with a 68Whr. 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 MobileMark30 battery benchmark.

[5] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels. Available on select configurations.

[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] 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.

[11] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

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 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.

Learn more at
hp.com

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