

# HP ZBook 8 G1i 14 inch Mobile Workstation PC (BV5L4PT)



## Step up 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, and work across multiple projects wherever you are. Stay productive with an AI workstation that delivers both performance and long-lasting battery.[1]



### Upgrade to pro-level components

Say goodbye to lags and crashes with fast responsiveness. With an Intel® Core™ Ultra CPU,[2] with up to 13 NPU TOPS,[2] integrated or discrete graphics,[3] and large memory configurations,[3] open large files and run pro apps simultaneously for speedy multitasking.

### Work all day. Anywhere.

The most mobile ZBook, now redesigned, is made to move. With a long-lasting battery[1] 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

Speed up AI inferencing on the HP ZBook 8, with pro-level graphics designed for advanced AI workflows. Focus on the work that matters and enable productivity without diverting resources from your most demanding work.

## 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. [6]

### Intel® Core™ Ultra Processor

Unleash productivity with a new architecture that delivers power-efficient performance for complex business workloads and is purpose-built for the next era of AI software by sending the right task to the right engine at the right time. [7]

### 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. [8]

### HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [9]

### 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

<b>Operating system</b>	Windows 11 Pro
<b>Processor family</b>	Intel® Core™ Ultra 7 processor
<b>Processor</b>	Intel® Core™ Ultra 7 255H (up to 5.1 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 16 threads) [6,7]
<b>Chipset</b>	Intel® integrated SoC
<b>Memory</b>	16 GB DDR5-6400 MT/s (1 x 16 GB)
<b>Memory Slots</b>	2 SODIMM; supports dual channel
<b>Internal Storage</b>	512 GB PCIe® NVMe™ SSD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Arc™ 140T GPU
<b>Display</b>	35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, UWVA, anti-glare, 300 nits, 62.5% sRGB
<b>Display</b>	14" diagonal, WUXGA (1920 x 1200), touch, UWVA, anti-glare, 300 nits, 62.5% sRGB
<b>Display size (diagonal)</b>	35.6 cm (14")
<b>Display size (diagonal)</b>	14"
<b>Audio</b>	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
<b>Dimensions (W x D x H)</b>	31.56 x 22.2 x 1.89 cm <i>(Dimensions vary by configuration)</i>
<b>Dimensions (W x D x H)</b>	12.43 x 8.74 x 0.74 in <i>(Dimensions vary by configuration)</i>
<b>Weight</b>	Starting at 1.43 kg <i>(Weight varies by configuration and components.)</i>
<b>Weight</b>	Starting at 3.15 lb <i>(Weight varies by configuration and components.)</i>
<b>Keyboard</b>	HP Premium Keyboard – spill resistant, backlit keyboard
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Camera</b>	5 MP IR camera
<b>Ports</b>	1 HDMI 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) <sup>[12,13]</sup>
<b>Ports</b>	1 security lock slot; 1 RJ-45 Ethernet port; 1 USB Type-A 5Gbps signaling rate (powered); 1 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)
<b>Package dimensions (W x D x H)</b>	441 x 274 x 63 mm
<b>Wireless</b>	Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®
<b>Power</b>	HP 140 W USB Type-C® slim adapter <sup>[5]</sup>
<b>Battery type</b>	HP Long Life 8-cell, 77 Wh Li-ion polymer
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>[43]</sup>
<b>Ecolabels</b>	TCO Certified
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Low halogen; 40% post-consumer recycled plastic; 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
<b>UPC number</b>	199251635991

## Top Recommended Displays, Accessories and Services

### Wireless Headset

Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
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### Wired Headset

Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA

### 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 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

### Power Adapters

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

[1] 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

[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. Intel'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.

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

[6] 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>.

[7] 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. Intel's numbering, branding and/or naming is not a measurement of higher performance. Optional feature that must be configured at purchase

[8] 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.

[9] 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

[5] Availability may vary by country.

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[12] Thunderbolt™ 4 and USB4™ maximum speed of 40Gbps will be divided between the different data workstreams.

[13] HDMI cable sold separately.

[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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