

HP EliteBook 8 G1a 16 inch Notebook PC (BX3J8PT)



Empower your hybrid workforce with an AI PC

Packed with next-gen AI features^[3] designed to enhance productivity, collaboration, and security, the HP EliteBook 8 G1a 16 inch AI PC delivers exceptional performance for demanding AI workloads that will make you more efficient and effective at work.



HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.^[8]

Commanding AMD processor

Develop innovative ideas with the lightning-fast AMD Ryzen™ processor with an up to 16TOPS NPU.^[2,3]

Long battery life

Get more done in between charges with battery life that is efficiently managed by next-gen AI.^[3]

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.^[4]

Commanding AMD processor

Take on your work with the latest efficient and reliable AMD processor that provides a highly responsive experience with connected modern standby.^[2]

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.^[6]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.^[7]

Protect identities with HP Multi-Factor Authenticate Gen3

Keep your network and VPN safe from unauthorized access by requiring up to three factors of authentication for log-in—including fingerprint sensor and IR camera facial recognition—with policies hardened at the silicon level.

Specifications

Operating system	Windows 11 Pro ^[1]
Product color	Glacier silver
Processor family	AMD Ryzen™ AI 7 processor
Processor	AMD Ryzen™ 7 250 (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	512 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ 780M Graphics
Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Display	16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB ^[13,14,15,16]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Dimensions (W x D x H)	35.9 x 25 x 1.15 cm (front); 35.9 x 25 x 1.55 cm (rear) <i>(Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)</i>
Dimensions (W x D x H)	14.13 x 9.84 x 0.45 in (front); 14.13 x 9.84 x 0.61 in (rear) <i>(Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)</i>
Weight	Starting at 1.69 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Weight	Starting at 3.73 lb <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard with numeric keypad
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Input devices	HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor; Color sensor with Ambient light sensing
Camera	5 MP IR AI camera
Ports	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 security lock slot; 1 USB Type-A 5Gbps signaling rate (powered) ^[12,44] <i>(Cables are not included.)</i>
Ports	1 smart card reader
Wireless	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card
Power	HP 100 W USB Type-C® slim adapter ^[19]
Battery type	HP Long Life 8-cell, 77 Wh polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
UPC number	199251715402
Manufacturer Warranty	1-year warranty and 90 day software limited warranty options depending on country. HP Worldwide Limited Warranty for the battery is aligned with the warranty period of the HP Hardware Product. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc .

Top Recommended Displays, Accessories and Services

Series 5 Pro

HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT

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

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
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Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA
HP 685 Comfort Dual-Mode Keyboard	8T6L9UT
HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA

Wireless Mice

HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
HP 685 Comfort Dual-Mode Mouse	8T6M0UT
HP 715 Rechargeable Multi-Device Mouse	6E6F0AA

Docking

HP Thunderbolt 4 100W G6 Dock	9X472UT
HP Thunderbolt 4 Ultra 180W G6 Dock	9X481UT

Port Replicators

HP Universal USB-C Multiport Hub	50H55UT
HP USB-C Travel Hub G3	86S97UT

Power Adapters

HP 65W GaN USB-C Laptop Charger	600Q8UT
HP 110W USB-C Laptop Charger	8B3Y2UT
HP USB-C 65W Laptop Charger	671R3UT
HP 140W USB-C Laptop Charger	B7NK0AA

Messaging Footnotes

[2] 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.

[3] 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. Potential NPU inferencing performance varies by use, configuration, and other factors.

[4] 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>.

[6] 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.

[7] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

[8] Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.

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] USB 20Gbps speed is not available with Thunderbolt™ 4.

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

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

[15] Actual brightness will be lower with touchscreen or Sure View.

[16] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[19] Availability may vary by country.

[44] Lock is sold separately.

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