

HP EliteBook 8 G1a 13 inch Notebook PC (BX2C7PT)



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 13 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] |
| 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 LPDDR5x-7500 MT/s (onboard) |
| Internal Storage | 1 TB PCIe® NVMe™ SSD |
| Graphics | Integrated |
| Graphics (integrated) | AMD Radeon™ 780M Graphics |
| Display | 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 5 integrated privacy screen |
| Display | 13.3" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 5 integrated privacy screen ^[13,14,15,16] |
| Display size (diagonal) | 33.8 cm (13.3") |
| Display size (diagonal) | 13.3" |
| Audio | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones |
| Dimensions (W x D x H) | 30.18 x 21.49 x 1.17 cm (front); 30.18 x 21.49 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) | 11.88 x 8.46 x 0.46 in (front); 11.88 x 8.46 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 1.29 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i> |
| Weight | Starting at 2.84 lb <i>(Weight will vary by configuration. Does not include power adapter.)</i> |
| Keyboard | HP Premium Keyboard – spill resistant, backlit keyboard |
| 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 ^[11] |
| 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) ^[12,43] <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 | 65 W USB Type-C® adapter ^[19] |
| Battery type | HP Long Life 3-cell, 62 Wh Li-ion polymer |
| Ecolabels | TCO Certified |
| Energy star certified | ENERGY STAR® certified |
| Sustainable impact specifications | Low halogen; Bulk packaging available; 50% post-consumer recycled plastic; 50% ocean-bound plastic; 80% recycled metal; 100% of HP paper-based packaging is from recycled or certified sustainable sources; Product Carbon Footprint |
| UPC number | 199251708619 |
| 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

Wired Headset

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

Wireless Headset

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

Topload Bags

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

Specialty Bags

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|---|---------|
| HP 14-inch Convertible Laptop Backpack Tote | 9C2H1AA |
|---|---------|

Backpacks

| | |
|---------------------------------------|---------|
| HP Renew Executive 16 Laptop Backpack | 6B8Y1UT |
|---------------------------------------|---------|

Wireless Keyboards

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

Wireless Mice

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

Docking

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

Port Replicators

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

Power Adapters

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|---------------------------------|---------|
| 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] May require Windows Update or app download from the Microsoft Store. Microsoft 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.

[11] Optional feature must be configured at the time of purchase.

[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.

[43] Lock is sold separately.

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