



HP EliteBook 8 G1i 14 inch Notebook AI PC (BQ4E4PT)



Overview

An innovative AI PC tailored for hybrid teams

Equip your high-performing teams with an AI-enhanced PC[3] that offers the power, security, and collaboration tools essential for both office and hybrid work environments. The HP EliteBook 8 G1i 14 inch AI PC efficiently meets the requirements of multitasking teams worldwide.

HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[1,7]

Long battery life

Get more done in between charges with battery life that is enhanced by AI.[3]

Intel® powers PCs enhanced by AI

Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an 11 TOPS NPU.[2,3]

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[4]

Features

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.^[5]

Powerful Intel® processor

Help speed up demanding business applications with the latest generation Intel® Core™ processor.^[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.^[8]

Collaboration through the NPU

Look your best on video calls and save some power too. Manage your video controls for internal and external cameras with Poly Camera Pro. Now Auto Framing, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU.^[9]

[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 11 is automatically updated, which is always 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> .

[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.

[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] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

[7] 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.

[5] 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.

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

[9] Poly software planned to be available Summer 2024. Requires Windows OS.

Specifications

| | |
|-------------------------|---|
| Operating system | Windows 11 Pro |
| Product color | Glacier silver |
| Processor family | Intel® Core™ Ultra 5 processor |
| Processor | Intel® Core™ Ultra 5 225U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) ^[6,7] |
| Memory | 16 GB DDR5-5600 MT/s (2 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 512 GB PCIe® NVMe™ SSD |
| Graphics | Integrated |
| Graphics (integrated) | Intel® Arc™ Graphics |
| Display | 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 62.5% sRGB |
| Display | 14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB ^[14,15,16,17] |
| Display size (diagonal) | 35.6 cm (14") |
| Display size (diagonal) | 14" |
| Audio | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones |
| Dimensions (W x D x H) | 31.56 x 22.2 x 1.17 cm (front); 31.56 x 22.2 x 1.24 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) | 12.43 x 8.74 x 0.46 in (front); 12.43 x 8.74 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 1.39 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i> |
| Weight | Starting at 3.06 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 |
| Input devices | HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor; Color sensor with Ambient light sensing ^[32] |
| Camera | 5 MP IR camera |

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| 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, HP Sleep and Charge); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 USB Type-A 5Gbps signaling rate (powered) ^[12] (HDMI cable sold separately.) |
| Wireless | Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro® |
| Power | 65 W USB Type-C™ adapter ^[20] |
| 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; 80% recycled metal; 100% of HP paper-based packaging is from recycled or certified sustainable sources; Product Carbon Footprint |
| UPC number | 199251444685 |
| 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 . |

Additional specifications

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| Accessories | Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter 8X214AA; HP 14 Convertible Laptop Backpack Tote 9C2H1AA; HP USB-C™/A 120W G2 Universal Dock 5TW13AA; HP 225 Wired Mouse and Keyboard Combo 286J4AA; HP 110W USB-C Laptop Charger 8B3Y2AA |
| Battery brand | HP |
| Battery capacity | 62 |
| Battery capacity uom | Wh |
| Battery cells number | 3 |
| Battery life | Long Life |
| Battery life note | Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. |
| Battery type | Li-ion polymer |
| Bluetooth version | Bluetooth® 5.4 |
| Brightness | 400 nits |
| Camera Infrared | IR |
| Camera resolution | 5 |
| Camera resolution uom | MP |
| Certifications and compliances | CE; GS Mark; CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHS; MIL-STD 810H |
| Color | Glacier silver |
| Color gamut | 62.5% sRGB |
| Display | 35.6 cm (14") diagonal WUXGA display |
| Display | 14" diagonal WUXGA display |
| Display brightness | 300 |
| Display brightness uom | nits |
| Display panel technology | IPS |
| Display resolution (pixels) | 1920 x 1200 |
| Display resolution standard | WUXGA |
| Display size (diagonal) uom | " |
| Display size (diagonal, imperial) | 14 |
| Display size (diagonal, metric) | 35.6 |
| Display size (diagonal, metric) uom | cm |
| Display surface treatment | Anti-glare |

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|---|---|
| Fingerprint reader | Fingerprint reader |
| Keyboard backlight | Backlit |
| Keyboard features | Spill-resistant |
| Keyboard name | HP Premium Keyboard |
| Manageability Features 1 | HP Client Catalog (download) |
| Manageability Features 2 | HP Client Management Script Library (download) |
| Manageability Features 3 | HP Cloud Recovery |
| Manageability Features 4 | HP Connect for Microsoft Endpoint Manager |
| Manageability Features 5 | HP Driver Packs (download) |
| Manageability Features 6 | HP Image Assistant (download) |
| Manageability Features 7 | HP Manageability Integration Kit (download) |
| Manageability Features 8 | HP Power Manager with Battery Health Manager (download) |
| Manageability Features footnote number 1 | [25] |
| Manageability Features footnote number 2 | [26] |
| Manageability Features footnote number 3 | [27] |
| Manageability Features footnote number 5 | [28] |
| Manageability Features footnote number 6 | [29] |
| Manageability Features footnote number 7 | [30] |
| Manageability Features footnote number 8 | [31] |
| Memory and storage | 16 GB memory;512 GB SSD storage |
| Memory layout (slots & size) | 2 x 8 GB |
| Memory module type | SODIMM |
| Memory size | 16 |
| Memory size uom | GB |
| Memory speed | 5600 |
| Memory speed uom | MT/s |
| Memory type | DDR5 |
| Mobile broadband | HP 5000 5G Solution |
| Number of memory slots | 2 |
| Playbook TS icon OS | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png |
| Playbook TS icon battery life | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png |

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| Playbook TS icon connectivity | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png |
| Playbook TS icon dimensions NB | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png |
| Playbook TS icon display NB | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png |
| Playbook TS icon graphics | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png |
| Playbook TS icon memory | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png |
| Playbook TS icon processor | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png |
| Playbook TS icon storage | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png |
| Playbook TS icon weight imperial | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png |
| Playbook TS icon weight metric | https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png |
| Processor Brand | Intel® |
| Processor cache | 12 MB L3 |
| Processor core | 12 |
| Processor family | Core™ Ultra 5 |
| Processor frequency technology | Intel® Turbo Boost Technology |
| Processor maximum frequency | 4.8 |
| Processor maximum frequency uom | GHz |
| Processor model | 225U |
| Processor threads | 14 |
| Product brand name | HP |
| Product long name specifications | HP EliteBook 8 G1i 14 inch Notebook AI PC, 14", Windows 11 Pro, Intel® Core™ Ultra 5, 16GB RAM, 512GB SSD, WUXGA |
| Product short name specifications | HP EliteBook 8 G1i 14 inch Notebook AI PC, 14", Intel® Core™ Ultra 5, 16GB RAM, 512GB SSD |
| Security management | HP BIOS Recovery |
| Security management | Security lock slot |
| Security management | HP DriveLock and Automatic DriveLock |
| Security management | HP Sure Sense |
| Security management | Audio Permanent Disable |
| Security management | Secured-Core PC Enable |
| Security management | HP Sure Click |
| Security management | HP Secure Erase |
| Security management | BIOS Update via Network |
| Security management | HP Sure Run |
| Security management | HP Tamper Lock |
| Security management | HP Wake on WLAN |

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|-------------------------------------|---|
| Security management | Windows Hello Enhanced Sign-in Security (ESS) Enable |
| Security management | HP Sure Admin |
| Security management | HP BIOSphere Gen6 |
| Security management | TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified) |
| Security management | HP Sure Recover |
| Security management | HP Sure Start |
| Security management | Absolute Persistence Module |
| Security management footnote number | [40] |
| Security management footnote number | [38] |
| Security management footnote number | [32] |
| Security management footnote number | [36] |
| Security management footnote number | [41] |
| Security management footnote number | [35] |
| Security management footnote number | [34] |
| Security management footnote number | [43] |
| Security management footnote number | [39] |
| Security management footnote number | [37] |
| Security management footnote number | [42] |
| Software included | HP Hotkey support |
| Software included | Buy Microsoft Office (sold separately) |
| Software included | HP Notifications |
| Software included | HP Smart Support |
| Software included | HP UEFI BIOS Certification level 2.7B |
| Software included | Copilot in Windows with Copilot key |
| Software included | Poly Lens |
| Software included | HP Support Assistant |
| Software included | HSA Telemetry for Commercial |
| Software included | HSA Fusion for Commercial |
| Software included | myHP |

| | |
|-----------------------------------|------------------------------------|
| Software included | Poly Camera Pro |
| Software included | HP Connection Optimizer |
| Software included | HP MAC Address Manager |
| Software included | HP PC Hardware Diagnostics Windows |
| Software included | HP Privacy Settings |
| Software included | HP Services Scan |
| Software included footnote number | [21] |
| Software included footnote number | [24] |
| Software included footnote number | [22] |
| Software included footnote number | [33] |
| Software included footnote number | [15] |
| Standard memory note | Transfer rates up to 5600 MT/s. |
| Storage capacity | 512 |
| Storage capacity uom 01 | GB |
| Storage interface 01 | PCIe® |
| Storage interface protocol 01 | NVMe™ |
| Storage type | SSD |
| Storage type 01 | SSD |
| Touchscreen | No |
| UNSPSC code | 43211503 |
| Wireless Model | BE201 |
| Wireless antenna | 2x2 |
| Wireless standard | Wi-Fi 7 |
| Wireless supplier | Intel® |
| vPro enabled | non-vPro® |

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

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

[15] 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.

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

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

[20] Availability may vary by country.

[32] HP Tamper Lock must be enabled by the customer or your administrator.

Hybrid Work Solutions

Audio

★ : Recommended

Wireless Headset

| | |
|--|-----------|
| Poly Voyager 4320 USB-C Headset +BT700 dongle | 76U50AA ★ |
| Poly Savi 8210 Office DECT 1880-1900 MHz Single Ear Headset | 8D3K5AA |
| Poly Savi 8210 Office DECT 1910-1920 MHz Single Ear Headset | 8D3K6AA |
| Poly Savi 8210 Office DECT 1920-1930 MHz Single Ear Headset | 7S445AA |
| Poly Savi 8210 UC DECT 1880-1900 MHz USB-A Headset | 8D3E9AA |
| Poly Savi 8210 UC DECT 1920-1930 MHz USB-A Headset | 77T29AA |
| Poly Savi 8210 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset | 8D3F1AA |
| Poly Savi 8210 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset | 77T31AA |
| Poly Savi 8210-M Office DECT 1880-1900 MHz Single Ear Headset | 8D3J8AA |
| Poly Savi 8210-M Office DECT 1910-1920 MHz Single Ear Headset | 8D3K1AA |
| Poly Savi 8210-M Office DECT 1920-1930 MHz Single Ear Headset TAA | 7S447AA |
| Poly Savi 8220 Office Stereo DECT 1880-1890 MHz Headset | 8D3J1AA |
| Poly Savi 8220 Office Stereo DECT 1880-1900 MHz Headset | 8D3J2AA |
| Poly Savi 8220 Office Stereo DECT 1910-1920 MHz Headset | 8D3J4AA |
| Poly Savi 8220 Office Stereo DECT 1920-1930 MHz Headset TAA | 7S4B5AA |
| Poly Savi 8220 UC DECT 1880-1900 MHz USB-A Headset | 8D3F2AA |
| Poly Savi 8220 UC DECT 1920-1930 MHz USB-A Headset | 77T33AA |
| Poly Savi 8220 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset | 8D3F5AA |
| Poly Savi 8220 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset | 77Y82AA |
| Poly Savi 8220-M Office Stereo DECT 1880-1900 MHz Headset | 8D3H8AA |
| Poly Savi 8220-M Office Stereo DECT 1910-1920 MHz Headset | 8D3J0AA |
| Poly Savi 8220-M Office Stereo DECT 1920-1930 MHz Headset TAA | 7S4B6AA |
| Poly Savi 8240 Office DECT 1880-1900 MHz USB-A Headset | 8D3H4AA |
| Poly Savi 8240-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset | 8D3G6AA |
| Poly Savi 8245 Office DECT 1880-1900 MHz USB-A Headset | 8D3H1AA |
| Poly Savi 8245-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset | 8D3H7AA |

Wired Headset

| | |
|---|------------------|
| Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter | 8X231AA ★ |
| Poly Blackwire 3325 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter | 8X221AA ★ |
| Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter | 8X214AA |
| Poly Blackwire 3220 USB-C Headset USB-C/A Adapter | B7SL7AA |
| Poly Blackwire 3325 Stereo Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter | 8X222AA |
| Poly Blackwire 5210 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter | 8X230AA |
| Poly Blackwire 5220 Headset +3.5mm Plug USB-C/A Adapter | B7SL8AA |
| Poly EncorePro 545 USB-A Convertible Headset | 783R4AA |
| Poly EncorePro 715 USB-A Monaural Headset TAA | 783N5AA |
| Poly EncorePro 725 USB-A Stereo Headset TAA | 783M6AA |

Monitors

Business Monitors

★ : Recommended

Series 5 Pro

| | |
|---|---------|
| HP Series 5 Pro 23.8 inch FHD Monitor (Made in VN) - 524pf | B46LQAA |
| HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm PVC Free | 9E0G9A5 |
| HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm PVC Free | 9E0Y9A5 |

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