

HP EliteBook 8 G1i 13 inch Notebook AI PC

An innovative AI PC tailored for hybrid teams

Equip high-performing teams with the HP EliteBook 8 G1i 13 inch AI PC. Designed for global teams working in-office or remotely, this PC provides the power, security, and collaboration tools needed for success, efficiently meeting multitasking needs.

Designed for enduring productivity anywhere

Enhance your hybrid workforce with advanced conferencing, managed security, and AI-driven performance of the Intel® Core™ processor² with an 11 TOPS NPU³ in the HP EliteBook 8 G1i 13 inch AI PC, designed for demanding enterprise tasks.

Crafted with enterprise needs in mind

Experience exceptional typing and navigation with the spacious keyboard and clickpad. Benefit from improved performance and extended battery life, enabled by AI-driven intelligence and an advanced thermal design that helps keep your PC cool and quiet.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.⁴



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

The HP EliteBook 8 G1i AI PC is designed using 70% ocean bound plastics in the keyboard membrane⁵, 50% post-consumer recycled plastic in the keycaps⁵, and the outer box packaging is 100% sustainably sourced and recyclable.⁶



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Featuring

HP Recommends Windows 11 Pro for business with Microsoft Copilot

Work anywhere without compromising on performance with Windows 11¹ and HP collaboration, security, and connectivity technology. Summarize and get relevant content recommendations with Microsoft Copilot.⁷

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} Three compute engines manage workloads, help improve video conferencing and allow for advanced content creation.

Optimize PC performance

Work without distraction with HP Smart Sense⁹ which makes automatic adjustments keeping your system cool and quiet and lets you enable performance mode when you need it most.

Simplified serviceability

Address many service concerns including ease of repair with fewer screws, reducing the time and cost to repair with a keyboard that detaches from the c-cover and an end user replaceable battery.

Keep visual hackers at bay

Stop shoulder surfers in their tracks with optional HP Sure View¹⁰ with onlooker detection that activates Sure View reducing visual light making your screen unreadable when viewed from the side.

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.⁸ Now Auto Frame, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU.

One touch powers the PC and logs you in

Power up and log in with a single touch of the power key that combines the power button with an integrated fingerprint sensor enhancing both security and convenience.¹¹

Updated sleek and stylish design

Make a statement in your next meeting with the updated thin and light design. Easily connect to a wide range of devices and networks with three USB Type-C® ports on the PC and an optional RJ-45 port.¹²

Walk away lock and wake on approach

Wake and lock your PC with your presence. A proximity sensor in the optional 5MP +IR camera detects when you leave your PC and locks it. Upon your return, the sensor triggers the camera and Windows Hello to verify your identity and unlock the PC.¹³

Hear and be heard

Dynamic Voice Leveling⁸ automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. AI Noise Reduction⁸ uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.

Balanced light for a clear image

Make sure you can clearly be seen on calls with Dynamic Color Tuning that adjusts camera auto-color and auto-white balance for a more natural color when you are in front of a monochromatic background.

Enhanced predictive coverage

Limit interruptions with HP Premium+ Support, a smart service that alerts of potential device issues using predictive AI-powered insights, automation and proactive 24/7 support for our fastest diagnosis and repair—wherever work happens.^{14,15}



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Technical specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Home – HP recommends Windows 11 Pro for business ¹ Windows 11 Pro Education ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for business ¹ Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹ FreeDOS
Processor family	Intel® Core™ Ultra 7 processor Intel® Core™ Ultra 5 processor
Available Processors	Intel® Core™ Ultra 7 265U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 5.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Graphics and Intel® AI Boost (12 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 7 255U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Graphics and Intel® AI Boost (12 NPU TOPS) Intel® Core™ Ultra 5 225U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Graphics and Intel® AI Boost (12 NPU TOPS) Intel® Core™ Ultra 5 235U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 4.1 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Arc™ Graphics and Intel® AI Boost (12 NPU TOPS), supports Intel® vPro® Technology
Neural Processing Unit	Intel® AI Boost ⁶
Product colour	Glacier silver
Maximum memory	64 GB LPDDR5X-8533 MT/s; (Transfer rates up to 7467 MT/s.) Onboard memory. Non customer accessible/upgradeable.
Internal storage	512 GB up to 2 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC ⁷ 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁷ 512 GB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC ⁷ 256 GB PCIe® NVMe™ M.2 SED SSD ⁷
Display size (diagonal, metric)	33.8 cm (13.3")
Display ^{14,15,16,17}	33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 62.5% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Available Graphics	Integrated: Intel® Graphics (Support HD decode, DX12, HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	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,); Optional Ports: 1 Smartcard reader (optional)
Input devices	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DuraKeys ⁵¹ ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad; HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor; Color sensor with Ambient light sensing ³² ; Ambient light sensor
Communications	(Compatible with Miracast-certified devices. ¹⁰); ; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, vPro®; Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro® ; Qualcomm® 9205 LTE Cat-M1; HP 5000 5G Solution; HP 4G LTE Advanced Pro Cat 16 WWAN eSIM ; NFC Mirage WNC XRAV-1 ^{8,9}
Camera	5 MP camera; 5 MP IR camera (select models) ¹³
Software	Buy Microsoft Office (sold separately); HP Connection Optimizer; HP Hotkey support; HP MAC Address Manager; HP Notifications; HP UEFI BIOS Certification level 2.7B; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan ²¹ ; HP Smart Support ²² ; HP Support Assistant; myHP; HSA Fusion for Commercial; HSA Telemetry for Commercial; Poly Lens ¹⁵ ; Poly Camera Pro; Copilot in Windows with Copilot key ²⁴
Security management	HP Tamper Lock ³² ; Secured-Core PC Enable ³³ ; Windows Hello Enhanced Sign-in Security (ESS) Enable; HP Sure Admin ³⁴ ; HP Sure Click ³⁵ ; HP Sure Recover ³⁶ ; HP Sure Run ³⁷ ; HP Sure Sense ³⁸ ; HP Sure Start ³⁹ ; TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified); Absolute Persistence Module ⁴⁰ ; Audio Permanent Disable; HP BIOS Recovery; BIOS Update via Network; HP BIOSphere Gen ⁴¹ ; HP DriveLock and Automatic DriveLock; HP Secure Erase ⁴² ; HP Wake on WLAN; Security lock slot ⁴³
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint sensor (select models)



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Management features	HP Client Catalog (download) ²⁵ ; HP Client Management Script Library (download) ²⁶ ; HP Cloud Recovery ²⁷ ; HP Connect for Microsoft Endpoint Manager; HP Driver Packs (download) ²⁸ ; HP Image Assistant (download) ²⁹ ; HP Manageability Integration Kit (download) ³⁰ ; HP Power Manager with Battery Health Manager (download) ³¹
Memory card device	1 nano SIM (optional)
Power	HP 65 W USB Type-C® slim adapter; 65 W USB Type-C® adapter; HP 100 W USB Type-C® slim adapter; HP 65 W USB Type-C® Halogen-free adapter; HP 65 W USB Type-C® GaN slim power adapter ²⁰
Battery type	HP Long Life 3-cell, 62 Wh Li-ion polymer ¹⁸ ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ¹⁹
Battery life	Up to 18 hours and 45 minutes ⁴⁹
Dimensions	30.18 x 21.49 x 1.17 cm (front); 30.18 x 21.49 x 1.55 cm (rear); (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.)
Weight	Starting at 1.29 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified; EPEAT® Gold registered in the U.S. ⁴⁷
Energy star certified	ENERGY STAR® certified
Certification and compliance	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
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
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 .



