HP EliteBook 8 G1i 16 inch Notebook AI PC

An innovative AI PC tailored for hybrid teams

Equip high-performing teams with the HP EliteBook 8 G1i 16 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.

HP Recommends Windows 11 Pro

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

Protected by HP Wolf Security

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

Long battery life

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

*Product image may differ from actual product

Sustainability in action

Designed with purpose

The HP EliteBook 8 G1i AI PC is designed using 70% ocean bound plastics in the keyboard membrane[5], 50% post-consumer recycled plastic in the keycaps[6], and comes in packaging with certified or recycled sources of paper.[7]

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Featuring

Designed for enduring productivity anywhere
Enhance your hybrid workforce with advanced conferencing, managed security, and AI-driven performance of the Intel® Core™ processor[2] with an 11 TOPS NPU[3] in the HP EliteBook 8 G1i 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]

Designed with purpose
The HP EliteBook 8 G1i AI PC is designed using 70% ocean bound plastics in the keyboard membrane[5], 50% post-consumer recycled plastic in the keycaps[6], and comes in packaging with certified or recycled sources of paper.[7]

HP Recommends Windows 11 Pro for business with Microsoft Copilot
Work anywhere without compromising on performance with Windows 11[1] 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 Sense[9] which makes automatic adjustments keeping your system cool and quiet and lets you enable performance mode when you need it most.

Work for hours with a long lasting battery
Experience uninterrupted productivity with your choice of a powerful 62Whr or 77Whr battery. Enjoy extended battery life, ensuring you stay connected and efficient throughout your busy day.

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 View[10] 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 Leveling[8] automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. AI Noise Reduction[8] uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.

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 265H (up to 2.5 GHz E-core Max Turbo frequency, up to 4.5 GHz E-core Max Turbo frequency, up to 5.3 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores, 2 LP E-cores and 8 E-cores, 16 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 NPU TOPS), supports Intel® vPro® Technology; 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 255H (up to 2.5 GHz LP E-core Max Turbo frequency, up to 4.4 GHz E-core Max Turbo frequency, up to 5.1 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores, 2 LP E-cores and 8 E-cores, 16 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 NPU TOPS); 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 235H (up to 2.5 GHz LP E-core Max Turbo frequency, up to 4.4 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 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; Intel® Core™ Ultra 5 225H (up to 2.5 GHz LP E-core Max Turbo frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 NPU TOPS)
Neural Processing Unit	Intel® AI Boost[6]
Product colour	Glacier silver
Maximum memory	64 GB DDR5-5600 MT/s; 32 GB DDR5-6400 MT/s; (Transfer rates up to 6400 MT/s.) Both slots are accessible/upgradeable by IT or self-maintainers only. Supports dual channel memory.[47]
Memory slots	2 SODIMM
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)	40.6 cm (16")
Display[13,14,15,16,17]	40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 62.5% sRGB; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB; 40.6 cm (16") diagonal, 2.5K (2560 x 1600), IPS, 120 Hz, anti-glare, 400 nits, 100% Adobe RGB and 100% DCI-P3 with HP Eye Ease
Available Graphics	Integrated: Intel® Arc™ Graphics; Intel® Graphics [48] (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); 1 RJ-45 (optional)[57]
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; Ambient light sensor
Communications	(Compatible with Miracast-certified devices.[10]); ; Intel® I219-LM PCIe® GbE NIC, vPro® ; 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; MediaTek T700 5G; MediaTek T700 4G ; 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]; HP Smart Sense; HP IQ[63]
Security management	HP Tamper Lock[32]; Secured-Core PC Enable[33]; Windows Hello Enhanced SIgn-in Security (ESS) Enable; HP Sure Admin; HP Sure Click; HP Sure Recover; HP Sure Run; HP Sure Sense; HP Sure Start; 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 Gen6[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 reader (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 14 hours and 45 minutes[60]
Dimensions	35.94 x 25.1 x 1.7 cm (rear); 35.94 x 25.1 x 1.09 cm (front); (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.)[52]; Maximum Height: 0.85 in; 2.16 cm
Weight	Starting at 1.69 kg; (Weight will vary by configuration. Does not include power adapter.)
Energy star certified	ENERGY STAR® certified
Certification and compliance	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	At least 80% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 25% post-consumer recycled plastic; Low halogen; Bulk packaging available
TCO certified	TCO Certified, generation 10[64]
EPEAT registered	EPEAT registered configurations available[62]
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 .

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Accessories and services (not included)

HP 105 Sanitizable Mouse Pad		Elevate your space with an anti-slip, durable, sanitizable[1], and spill-resistant mouse pad. With effortless gliding and pinpoint accuracy, this minimalist mouse pad maximizes movement to make the perfect accomplice to your favorite mouse. **Product number: 8X595AA** [1] Select household wipes can be safely used up to 1,000 wipes. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Clean Your HP Device Whitepaper (https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW) [2] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard.
HP Universal USB-C Multiport Hub		Unlock new possibilities with the HP Universal USB-C Multiport hub, now supporting any USB-C®[1] compatible PC. 7 ports, 1 power and data passthrough cable, and many peripherals to plug and play however you like. It also supports dual 4K[2] displays via HDMI 2.0 and 1 DisplayPort™ 1.2. This hub is all you need to stay connected. **Product number: 50H55UT** [1] USB Type-C® and USB-C® are trademarks of USB Implementers Forum. [2] 4K content required to view full 4K images.
HP 65W GaN USB-C Laptop Charger		Our 65W laptop charger is kind of a big deal. It plays well with most USB-C® devices[1], packs two powerful ports for simultaneous charging[2], and it's smaller than ever. Pack this petite power player and enjoy fast charging[3] wherever you roam and the efficiency of gallium nitride (GaN) technology . **Product number: 600Q8UT** [1] Up to 65W max output in single port mode. Up to 30W + 30W, 45W + 20W, or 20W + 45W max output in dual port mode. [2] Supported outputs when dual port mode is active will depend on devices being charged. Up to 30W + 30W, 45W + 20W, or 20W + 45W max output in dual port mode.
HP Travel Plus 22L 16-inch Laptop Bag		Simplify your journey with one bag that meets all your travel needs. This durable, thoughtfully designed backpack keeps you organized—from packing through the airport and beyond. Multiple compartments enable easy access for airport security convenience. **Product number: A2CE1AA** [1] Fits most laptops up to 16 inches. [2] Supplier tested for water resistance on exterior fabric coating.
HP 725 Multi-Device Rechargeable Wireless Keyboard and Mouse Combo		Work confidently with tech that keeps you productive, whenever and wherever. This thoughtfully-designed wireless keyboard and mouse work as hard as you do with ultra-fast charging supercapacitor technology, seamless connectivity, and customization. **Product number: 9T5B0UT** [1] Fast charging is based on USB Type-C ®-- 3.0 port (5V, 2.5A). The actual charging time may vary depending on the port type and environmental conditions. Usage life is an estimate and varies depending on many factors, including number of active, idle and asleep hours of use, number of applications running, environmental conditions, and features used; actual usage life will vary with usage and environmental condition. [2] USB-C to USB-A adapter cable included.

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Footnotes

Messaging 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 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 .
[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 an 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.
[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.
[5] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
[6] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
[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.
[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.
[8] Requires HP app and Windows OS.
[9] Smart Sense requires the myHP app and Windows 11 OS. Features may vary by platform.
[10] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
[11] Requires Windows OS and setup through Windows Hello.
[12] Optional feature must be configured at the time of purchase.
[13] 5MP +IR camera is an optional feature that must be configured at the time of purchase. Requires Windows 11 and higher and set up of facial recognition through Windows Hello. See https://www.microsoft.com/en-us/windows/tips/presence-sensing .
[14] Predictive insights is only available with HP Premium+ Support. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at https://admin.hp.com/software. For full system requirements and services that require the agent, please visit https://admin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security.
[15] HP Essential Support, HP Premium Support and HP Premium+ Support are available at the time of device purchase. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Specification 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 .
[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] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[5] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .
[6] 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.
[7] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 32 GB is reserved for system recovery software.
[8] Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
[9] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 24H2, select Intel® processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible 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.
[10] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[11] WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[12] USB 20Gbps speed is not available with Thunderbolt™ 4.
[13] Optional feature must be configured at the time of purchase.
[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.

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Footnotes

Specification Footnotes

[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.
[18] For new batteries, actual battery Watt-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-ion batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shelf life, temperature, environment, loaded apps, features, system configuration, and power settings.
[19] 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.
[20] Availability may vary by country.
[21] HP Services Scan is provided with Windows Update on select products and will check entitlement on each hardware device to determine if an HP TechPulse-enabled service has been purchased, and will download applicable software automatically. HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications. For full system requirements or to disable this feature, please visit http://www.hpdaas.com/requirements . Not applicable in China.
[22] HP Smart Support requires the HP Insights agent to be installed. For more information about how to enable or to download HP Smart Support, please visit http://www.hp.com/smart-support .
[23] Poly Lens Desktop requires a Windows OS.
[24] Copilot in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. Use of Recall requires customer authentication using Windows Hello Enhanced Sign in Security (ESS) which requires a fingerprint reader or facial recognition camera and may not be supported on all platforms. See http://aka.ms/WindowsAIFeatures
[25] HP Client Catalog not preinstalled, however available for download at: https://www.hp.com/us-en/solutions/client-management-solutions.html
[26] HP Client Management Script Library (https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools).
[27] HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/computer .
[28] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement .
[29] HP Image Assistant not preinstalled, however available for download at (https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html).
[31] HP Manageability Integration Kit not presintalled, however available for downloaded from https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools .
[31] HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/in-en/document/ish_4449597-3519507-16 .
[32] HP Tamper Lock must be enabled by the customer or your administrator.
[33] Secured Core PC requires an Intel® vPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured Core PC functionality can be enabled from the factory.
[34] HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
[35] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
[36] HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
[37] HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
[38] HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.
[39] HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
[40] Absolute Persistence firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/
[41] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
[42] HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r ""Clear"" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
[43] Lock is sold separately.
[44] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
[45] 4G LTE module is optional, must be configured at the factory, requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[46] 5G module is optional. WWAN-ready configuration must be selected at purchase to add WWAN module at a later date (WWAN After Market Option Kit). Module designed for 5G NR SA(standalone) and 5G NR NSA (non-standalone) Public and Private networks including Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module includes embedded eSIM. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier and frequency bands supported.
[47] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
[48] Intel® Arc™ graphics only available on select Intel® Core™ Ultra H-series processor-powered systems with at least 16GB of system memory in dual channel configuration.
[49] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit http://www.epeat.net for more information.
[50] HP Fingerprint Sensor is an optional feature and requires configuration at purchase.
[51] Backlit keyboard is an optional feature.
[52] Typical dimension. Actual dimension may vary +/- 0.5mm. Height may vary based on configuration. Maximum Height does not include Rubber feet.
[56] HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.
[57] RJ-45 port must be configured at time of purchase and is not available in all regions.
[60] MobileMark 25 battery life will vary depending on various factors including 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 www.bapco.com for additional details.
[62] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[63] HP IQ delivery app is preloaded on select HP PCs; it will be automatically updated to the future featured HP IQ application if you have auto updates enabled in Windows or will be available for download from the Microsoft Store. The future featured HP IQ app uses artificial intelligence. Features vary by configuration. For complete details see https://support.hp.com/us-en/document/ish_13696672-13696717-16 .
[64] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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