Empowering the hybrid workforce

The right Al-enhanced PC is essential for any workforce. The secure and easy to manage HP EliteBook 660 provides a wide range of configurable features with the latest Intel® processor², robust memory, and rich collaboration features that allows for easy standardization within existing IT environments.

Enterprise performance improvements

See more vertical content in a surprisingly small footprint on the 16:10 ratio display that reduces the need to scroll. Enjoy port arrangements, including USB-C® ports, in user friendly locations that allow for a thin chassis design.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, alwayson, 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.³

Make connections that matter

Let your audience see you clearly with a hybrid work-ready optional 5MP IR camera. Enjoy crystal-clear audio from Al Noise Reduction and speakers tuned by Poly Studio.



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

Responsible design brings non-backlit keycaps that contain 80-percent post-consumer recycled plastic⁷ (PCR) and a resin containing 5-percent ocean-bound expanded polystyrene.⁷ Optional backlit keycaps⁴ contains 50-percent PCR plastic.⁷



Featuring

Easy battery management

Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard. 6

Energy consumption meter

Utilize the Energy Consumption Meter that provides power usage tracking 10 and suggestions to reduce energy use, representing the latest in responsible design from HP.

All at your fingertips

A creative powerhouse that inspires. Take on big projects utilizing multiple applications with the latest Intel® processor², NVIDIA® GeForce RTX[™] 2050 graphics¹¹, up to 64GB DDR5 memory¹² and up to 2TB of storage. ¹⁰

Speed up the basics of IT management

Help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Endpoint Manager with the HP Manageability Integration Kit.¹³

Crisp and clear collaboration

Al Noise Reduction 6 improves collaboration by applying industry-leading noise-filtering technology to all audio input—suppressing incoming and outgoing background noise—providing an enhanced audio-conferencing experience.

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start¹⁴, the self-healing BIOS that automatically recovers itself from attacks or corruption.

Keep your PC's security protections in place

Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run¹⁵ which identifies, quarantines, and provides reporting on attackers trying to kill processes.

Keep visual hackers at bay

Stop shoulder surfers in their tracks with optional HP Sure View ¹⁶ that you can quickly activate with one keystroke. When activated, Sure View reduces visual light making it unreadable when the screen is viewed from the side.

Recovery simplified

HP Sure Recover ensures fast, secure, and automated recovery of the OS over LAN or Wi-Fi® from advanced malware attacks. End users can now pause or retry if the connection is lost ¹⁷ and it's corporate image ready for fleet deployments.



Available Operating Systems	Windows 11 Pro ¹ Windows 11 Pro Education ¹ Windows 11 Home - HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language - HP recommends Windows 11 Pro for business ¹ Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement) ¹ FreeDOS
Processor family ⁵	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
Available Processors ^{2,3,4,5,12}	Intel® Core™ Ultra 7 165H (Up to 3.8 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155H (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads) Intel® Core™ Ultra 5 135H (Up to 3.6 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125H (up to 3.6 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 18 threads) Intel® Core™ Ultra 7 165U (Up to 3.8 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 7 155U (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 and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 135U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads), supports Intel® vPro® Technology Intel® Core™ Ultra 5 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads)
Neural Processing Unit	Intel® Al Boost
Maximum memory	64 GB DDR5-5600 MT/s RAM; (Transfer rates up to 5600 MT/s.) Dual channel support. ⁶
Memory slots	2 SODIMM
Internal storage	512 GB up to 2 TB PCle® Gen4x4 NVMe™ M.2 SSD TLC ⁷ 512 GB up to 1 TB PCle® Gen4x4 NVMe™ M.2 SED SSD TLC ⁷ 256 GB up to 512 GB PCle® NVMe™ M.2 SSD ⁷ up to 256 GB PCle® NVMe™ M.2 SSD ⁷
Display size (diagonal, metric)	40.6 cm (16")
Display ^{14,15,16,17,18}	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC
Display ^{14,15,16,17,18} Available Graphics	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x
	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc™ Graphics; Intel® Graphics 19.44 Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated)
Available Graphics	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc™ Graphics; Intel® Graphics 19.44 Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 21.)
Available Graphics Audio	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc™ Graphics; Intel® Graphics ^{19,44} Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 2.1.) Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; (HDMI cable sold separately.);
Available Graphics Audio Ports and connectors	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc™ Graphics; Intel® Graphics ^{19,44} Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 21.) Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 21; 1 stereo headphone/microphone combo jack; 1 RJ-45; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional)
Available Graphics Audio Ports and connectors Input devices	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IpS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc™ Graphics; Intel® Graphics ^{19,44} Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 2.1.) Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 21; 1 stereo headphone/microphone combo jack; 1 RJ-45; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional) Spill-resistant, optional backlit keyboard with DuraKeys ⁵¹ ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad (Compatible with Miracast-certified devices.); Intel® 1219-V GbE, non-vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Oualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro;
Available Graphics Audio Ports and connectors Input devices Communications	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC. Integrated: Intel® Arc™ Graphics; intel® Graphics¹9.44 Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 21.) Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 21; 1 stereo headphone/microphone combo jack; 1 RJ-45; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional) Spill-resistant, optional backlit keyboard with DuraKeys⁵¹; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad (Compatible with Miracast-certified devices,); Intel® 1219-LM GbE, vPro®; Intel® 1219-V GbE, non-vPro®¹2; Intel® 1219-LM GbE, vPro®; Intel® 1219-V GbE, non-vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Cualcomm® 9205 LTE Cat-MT; HP 4000 4G LTE Advanced Pro; NFC Mirage WNC XRAV-18.12
Available Graphics Audio Ports and connectors Input devices Communications Camera	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC: Integrated: Intel" Arc." Graphics; Intel" Graphics; Intel" Graphics; Intel" Graphics; Intel" Graphics; Intel" Graphics; Intel" Graphics; Intel Graphics
Available Graphics Audio Ports and connectors Input devices Communications Camera Software	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), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC Integrated: Intel® Arc® Graphics: Intel® Graphics ^{19,44} Discrete: NVIDIA® GeForce RTX® 2050 Laptop GPU (4 GB GDDR6 dedicated) (Support DX12 and HDMI 2.1) Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones 2 Thunderbolt® 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort® 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo [ack; 1 RJ-45; (HDMI cable sold separately); Optional Ports: 1 Smartcard reader (optional) Spill-resistant, optional backlit keyboard with DuraKeys ⁵¹ ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad (Compatible with Miracast-certified devices,); Intel® 12H NGEy-Pro*; Intel® 12H9 VGB, non-vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Oudicomm® 9205 LTE Cat-Mt; HP 4000 4G LTE Advanced Pro; NFC Mirage WNC XRAV1 ^{61,22} 5 MP camera; IR Camera (select models); FHD camera (select models) ¹⁴ Adobe offer; Buy Office; HP Connection Optimizer; HP MAC Address Manager; Copilot in Windows with Copilot key ⁴⁸ ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager ⁴⁵ ; HP Privacy Settings; HP Services Scan ⁴² ; HP Smart Support ⁵⁷ ; HP Support Assistant ²⁷ ; HS Fusion for Commercial; HSA Telemetry for Commercial; myHP; Miro offer ²² HP Client Security Manager; HP Sure Admin ²⁷ ; HP Sure Click ²⁸ ; HP Sure Recover Gen6 ²⁹ ; HP Psure Run Gen5 ³⁰ ; HP Sure Sense; HP Sure Sense; HP



Technical specifications

Management features	HP Client Catalog (download); HP Cloud Recovery ²³ ; HP Connect for Microsoft Endpoint Manager ²⁴ ; HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Kit (download) ²⁵ ; HP Patch Assistant (download) ²⁶
Memory card device	1 nano SIM (optional)
Power	65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen-free adapter ³⁹
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer; HP Long Life 3-cell, 48 Wh Li-ion polymer ³⁷ ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ³⁸
Battery life	Up to 13 hours and 52 minutes
Dimensions	35.94 x 251 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.); 2.71 x 19.01 x 12 in 6.9 x 48.3 x 30.5 cm (Package)
Weight	Starting at 1.74 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S. 46
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
Sustainable impact specifications	Low halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 50% recycled metal 45,47,49,50
Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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.



Footnotes

Messaging Footnotes

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 hardward software configurations. Intel's numbering, branching and/or naming is not a measurement of higher performance.

³ 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 and OS requirements.

⁴ Optional feature must be configured at time of purchase.

Security. Fleet management requires HP Proactive Insights.

⁶ Requires the myHP application and Windows OS.

⁷ Recycled plastic content percentage is based on the definition set in the IEEE 18801-2018 standard.

⁸ Power tracking data expected May 2024. Energy Consumption Meter requires Windows 10 and registration for the Workforce Experience platform at https://admin.hp.com. Some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, & Android, Activation and restrictions may apply. 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 and evices 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 ISO2701, ISO2701, ISO27017 and SOC2 Type2 certified for Information

Security. Heet management requires HP Proactive insights.

12 Sold separately or as an optional feature.

12 Sold separately or as an optional feature. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows) of disk is reserved for system recovery software.

13 HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 Pro and higher.

15 HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 Pro and higher.

16 HP Sure Integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

17 HP Sure Recover Gen5 is available on select HP PCs and requires Windows 10 Pro and higher 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. Network based recovery under the power of the power o

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.

*Not an extures are available in an evaluate required use evaluate in the evaluation of the evaluation

5 Features and software that require a NPU may require 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 on figuration, and other factors.

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.

For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes, Actual formatted capacity is less. Up to 30GB of disk 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 Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

10 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.

11 LPWAN (also called Mobile Narrowband) support HP Protect & Trace with Wolf Connect service through the subscription term, but do not support mobile broadband use.

"I_EWAN (also called Mobile Narrowband) support HP Protect & Trace with Wolf Connect service through the subscription term, but do not support mobile broadband use.

"Intel VPO" requires Windows 10 Pro 6 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.

"A WUXGA/FHD content required to view WUXGA/FHD images.

"B Resolutions are dependent upon monitor capability, and resolution and color depth settings.

"H P Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

"A cutual brightness will be lower with touchscreen or Sure View.

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

In Intel" Graphics capabilities require system to be configured with intel" Core" Ultra 5 or Ultra 7 processors and dual channel memory. Single channel memory will only function as Intel® ARC graphics.

20 HP Tamper Lock must be enabled by the customer or your administrator.

21 HP Support Assistant is available on Windows. For more information, please visit www.support.pc.com/help/hp-support-assistant.

22 HP Customers qualify for a 90 day trail of Miro, this offer ends September 2025. Complete terms and conditions are provided by Miro when accepting the offer.

23 HP Cloud Recovery is available for Z by HP. HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors 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 for the this form. refer to: https://support.hp.com/us-en/document/c05115630.

24 HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection

required.

25 HP Manageability Integration Kit can be downloaded from http://www.8.hp.com/us/en/ads/clientmanagement/overview.html.

The Manageability integration is can be downloaded from http://www.hpc.com/ga/jelloads/cient/manageability/kit that are managead through Microsoft System Center Configuration Manager.

Ph P Surb Assistant available on select HP PCs with the HP Manageability Kit that are managead through Microsoft System Center Configuration Manager.

Ph 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.

Ph Sure Click requires Windows 10 and higher. See https://bit.ly/2PTLT6A_SureClick for complete details.

Ph 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. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs which requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.

30 HP Sure Run is available on select HP PCs and requires Windows 10 and higher.

It Power that is accumulated in select HP PCs and requires Windows 10 and higher.

Results of the Start is available on select HP PCs and requires Windows 10 and higher.

Secured-Core PC Enable 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 is enabled from the factory.

Absolute 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

³² Absolute 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 ovariable in the validation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for variable in the National paper. For full defaults visit https://www.absolute.com/about/legal/agreements/absolute/

³⁴ HP BIOSphere features may vary depending on the platform and configuration.

³⁵ HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88* "Clear" sanitation method. HP Secure Erase does not support platforms with intel* Optone*".

³⁶ HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.

³⁷ 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.

³⁸ 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 55 watts required for battery capacities greater than 55Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 55Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging may not yet 470% the in Swetzen Internsee.

Charging time may vary +/-10% due to System tolerance. ³⁹ Availability may vary by country.

3ª Availability may vary by country.

4º Lock is sold separately.

4º 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 is oftware automatically. HP TechPulse is a telementry and analytics platform that provides critical data around devices and applications. For full system requirements or to disable this feature, please visit http://www.hpdaos.com/requirements. Not applicable in China.

4º HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store. Depending on what version of HP Battery Health Manager (BHM) is available for your device, HP BHM may look at a number of factors to determine how to adjust bettery charging over time to optimize battery health. HP BHM is preset to "Let HP Manage my Battery Charging" to allow the system to balance charging between battery health and therefore health. HP BHM spresset to "Let HP Manage my Battery Charging" to allow the system to balance charging between battery health and reduce exposure to those factors that can accelerate battery degradation. To update or change HP BHM settings and for complete details, see https://support.hp.com/us-en/document/light, 4449597.351950716

⁴⁴ Hardware acceleration for CODEC H.265/HEVC (High Efficiency Video Coding) is disabled on this platform, including the current configuration and alternate options ⁴⁵ Molded pulp cushions made from 100% recycled wood fiber and organic materials.

46 Based on US EPEAT* registration according to IEEE 16801-2018 EPEAT*. Status varies by country, Visit www.epeat.net for more information.

47 External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

48 Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See

http://ckums/MindowsAlFeatures.

49 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

50 Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.

⁵⁰ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

⁵⁰ HP Wolf Pro Security Edition is available perioaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition is effective upon 4 months offer the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation entire the date to the HP Wolf Pro Security Edition in the HP Wolf Pro Wolf Pro Security Edition in the HP Wolf Pro Security Edition in th

TH Smart Support requires the HP 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. HP Services Scan is provided thru Windows Update and will check entitlement on each hardware device to determine if an HP agent-enabled service has been purchased, and will download applicable software automatically. The HP agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit http://www.hpdaas.com/requirements

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