Step up performance. Not size.



Pro-level performance combines with true mobility in this sleek and powerful laptop.
Review 3D designs, create with Al tools in pro apps, and work across multiple projects wherever you are. Stay productive with an Al workstation that delivers both performance and long-lasting battery.¹

Upgrade to pro-level components

Say goodbye to lags and crashes with fast responsiveness. With up to an Intel® Core™ Ultra 9 CPU² with up to 13 NPU TOPS,² NVIDIA RTX™ 500 Ada Laptop GPU,³ and 64GB of RAM,³ open large files and run pro apps simultaneously for speedy multitasking.

Work all day. Anywhere.

The most mobile ZBook, now redesigned, is made to move. With a long-lasting battery¹ this sleek device is small enough to fit in your bag so you can stay productive anywhere. This is high performance workstation power on the go.

Accelerate AI workflows

Speed up AI inferencing on the HP ZBook 8, with up to NVIDIA RTX™ 500 Ada Laptop GPU³ delivering up to 154 AI TOPS for AI workflows. Focus on the work that matters and enable productivity without diverting resources from your most demanding work.

Help protect our shared future with PCs that drive towards increasing sustainability.

At HP, we care about the impact our products have on our people, communities, and the planet. That's why this device is EPEAT® Gold registered⁴ and the outer box packaging is 100% sustainably sourced.⁵

(I)







HP Recommends Windows 11 Pro for business with Microsoft Copilot

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.^{6,7}

Intel® Core™ Ultra Processor

Unleash power-efficient performance with up to an Intel® Core™ Ultra 9 CPU. This CPU not only unlocks performance for the next era of AI-enhanced software, but the dedicated NPU* greatly increases efficiency for productivity tasks.²

NVIDIA® Graphics

Tackle your biggest projects with an optional NVIDIA RTX™ 500 Ada Laptop GPU; certified for pro apps.3

Large Memory Configurations

Power through projects with up to 64 GB RAM for fast editing and design.³

Lightning-fast Storage

Blitz through multiple tasks and ditch external drives with up to 2 TB local NVMe storage.8

HP Smart Sense

HP Smart Sense intelligently optimizes your PC's thermal and power management based on your usage. Select full performance mode when completing demanding tasks to maximize performance.⁹

OLED Display

With an optional OLED display, the technology lights each pixel separately so you'll get deeper blacks for richer contrast and enhanced color depth than traditional LED screens.³

Network Connectivity

Stay connected from nearly anywhere with support for various network connectivity options. Choose 5G or Wi-Fi 7, for a fast and reliable connection in wireless environments or with the all new RJ-45 get a smooth, wired Internet experience. 10,11

Poly Camera Pro

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 Frame, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU.¹²

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.¹³

Specifications Table

Windows 11 Pro ¹ Windows 11 Home ¹ Windows 11 Pro Education ¹ Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹ Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for business; FreeDOS 3.0 ¹ FreeDOS 3.0 Ubuntu 24.04 LTS ⁵¹
Intel® Core™ Ultra 9 processor; Intel® Core™ Ultra 7 processor; Intel® Core™ Ultra 5 processor
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, 24 MB L3 cache, 6 P-cores, 2 LP E-cores and 8 E-cores, 16 threads) with Intel® Arc™ Graphics and Intel® Al Boost (13 NPU TOPS), supports Intel® vPro® Technology Intel® Core™ Ultra 7 265D (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® Carpits and Intel® Al 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® Carpits and Intel® Al 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® Al 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, 12 MB L3 cache, 4 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Al Boost (12 NPU TOPS) Intel® Core™ Ultra 5 235U (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® Al 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® Al Boost (12 NPU TOPS), supports Intel® VPro® Technology Intel® Core™ Ultra 5 235U (up to 2.5 GHz LP E-core Max
Intel® AI Boost
Intel® integrated SoC
Meteor silver
64 GB DDR5-5600 MT/s non-ECC 7 Transfer rates up to 5600 MT/s.
2 SODIMM; supports dual channel ⁸
512 GB up to 2 TB PCle® Gen4 x4 NVMe™ M.2 2280 TLC SSD ¹¹ up to 512 GB PCle® Gen4 x4 NVMe™ M.2 2280 TLC SED OPAL 2 SSD ¹¹ 256 GB up to 1 TB PCle® Gen4 x4 NVMe™ M.2 2280 SSD ¹¹
16"
40.6 cm (16")
16" diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, 300 nits, 62.5% sRGB 16" diagonal, WUXGA (1920 x 1200), touch, UWVA, anti-glare, 300 nits, 62.5% sRGB 16" diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 400 nits, 100% sRGB 16" diagonal, (2560 x 1600), 120 Hz, UWVA, anti-glare, Low Blue Light, 400 nits, 100% bCi-P3 16" diagonal, WQXGA (3840 x 2400), 120 Hz, anti-glare, 500 nits, 100% bCi-P3, HP DreamColor 16" diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 800 nits, sRGB 100%, HP Sure View integrated privacy screen 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, 300 nits, 62.5% sRGB 40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, UWVA, anti-glare, 300 nits, 62.5% sRGB 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, Low Blue Light, 400 nits, 100% sRGB 40.6 cm (16") diagonal, (2560 x 1600), 120 Hz, UWVA, anti-glare, Low Blue Light, 400 nits, 100% bCi-P3 40.6 cm (16") diagonal, WUXGA (3840 x 2400), 120 Hz, anti-glare, 500 nits, 100% bCi-P3, HP DreamColor 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, bow Blue Light, 800 nits, 100% bCi-P3, HP DreamColor 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, 500 nits, 100% bCi-P3, HP DreamColor 40.6 cm (16") diagonal, WUXGA (1920 x 1200), UWVA, anti-glare, 500 nits, 100% bCi-P3, HP DreamColor
Intel® Graphics Intel® Arc™ 140T GPU (8 GB) Intel® Arc™ 130T GPU (8 GB) ^{20,21} Discrete: NVIDIA RTX™ 500 Ada Generation Laptop GPU (4 GB GDDR6 dedicated) ²³ (Discrete graphics options planned to be available at a later date and require factory configuration at the time of hardware purchase.)
Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
1 smart card reader (select models)
Left side: 1 HDMI 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1) ^{12,13} ; Right side: 1 security lock slot; 1 RJ-45 Ethernet port; 1 USB Type-A 5Gbps signaling rate (powered); 1 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); Optional Ports: 1 External Nano SIM slot for WWAN

Specifications Table

Keyboard	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with drain and DuraKeys
Mouse	Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad with gesture support
Communications	WLAN: 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® ^{16,17} ; WWAN: HP 4000 4G LTE Advanced Pro; HP 5000 5G Solution ^{15,18} ; LPWAN: Qualcomm® 9205 LTE Cat-M1 Modem ¹⁹
Camera	IR Camera (optional); 5 MP camera
Software	Buy Microsoft Office (sold separately); Copilot in Windows with Copilot key ⁵⁴ ; HP Connection Optimizer ⁵⁹ ; 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 ⁴⁰ ; HP Smart Support ⁵⁵ ; HP Support Assistant ⁵⁷ ; myHP ³⁶ ; HSA Fusion for Commercial; HSA Telemetry for Commercial; Poly Camera Pro; Poly Lens ⁵⁸ ; Edge Customization
Security management	HP Sure Admin; HP Sure Click ³⁴ ; HP Sure Recover; HP Sure Run ³¹ ; HP Sure Sense ⁴² ; HP Sure Start ³² ; HP Tamper Lock ³⁹ ; Secured-Core PC Enable ³³ ; Windows Hello Enhanced SIgn-in Security (ESS) Enable ²⁵ ; Absolute Persistence Module ⁶⁰ ; HP BIOS Recovery ²⁹ ; BIOS Update via Network; HP BIOSphere ⁴⁴ ; HP DriveLock and Automat DriveLock; HP Secure Erase ²² ; HP Wake on WLAN; Audio Permanent Disable
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Client Catalog (download) ⁹ ; HP Client Management Script Library (download) ¹⁰ ; HP Cloud Recovery ²⁶ ; HP Driver Packs (download) ³⁸ ; HP Image Assistant (download) ⁵ HP Manageability Integration Kit (download) ²⁷ ; HP Power Manager with Battery Health Manager (download) ⁵³ ; HP Connect for Microsoft Endpoint Manager ²⁸
Power	HP Smart 65 W External AC USB Type-C® power adapter; HP Smart 100 W External AC USB Type-C® power adapter; HP Smart 140 W External AC USB Type-C® power adapter
Battery type	HP Long Life 3-cell, 62 Wh Li-ion polymer; HP Long Life 8-cell, 77 Wh Li-ion polymer ⁴¹
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ⁴³
Dimensions	$14.13 \times 9.84 \times .76$ in; $35.9 \times 25 \times 1.92$ cm; (Dimensions vary by configuration); $19.84 \times 12.01 \times 2.48$ in; $504 \times 305 \times 63$ mm (Package)
Weight	Starting at 3.79 lb; Starting at 1.72 kg; (Weight varies by configuration and components.)
Ecolabels	EPEAT® registered configurations available ⁴⁹
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; 40% post-consumer recycled plastic; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable ^{45,46,47,48,50}

Messaging Footnotes

- ¹ Battery life will vary depending on the 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 MobileMark25 battery benchmark https://bapco.com/products/mobilemark-251 for additional details.

 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. Optional feature that must be configured at purchase. Features and software that require a NPU may require software purchase, subscription or enablement by a software or natiferom provider, and third-narty software makes the companies to engage the purchase. 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.
- Optional feature that must be configured at purchase.
 4 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more
- 5 HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled 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.

 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 .
- 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 Microbot account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/MindowsAlFeatures.

 9 For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.
- 9 HP Smart Sense requires Windows 10 or higher
- ¹⁰ 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
- unar specification and is not main in the initial specification thems into the data specification, it may arrect the ability of the communicate with other 802.11BE devices.

 11 Wi-Fi® supporting gligabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices same router. Requires a wireless router, sold separately, that supports 160MHz channels. Available on select configuration and the configuration of the co
- 13 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.

Technical Specifications Footnotes

- 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
- 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.

 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 Availability may vary by country.
- 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.
- Values by User, Configuration, and Unite incluse.

 To 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.

 *Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory channels.

 *PHP Client Catalog not preinstalled, however available for download at https://www.hp.com/us-en/solutions/client-management-

- Depth of the Client Management Script Library https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools.

- ¹⁰ HP Client Management Script Library https://www.hp.com/us-en/solutions/client-management-solutions.html/#tab=manageability-tools ¹¹ For storage drives GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35 GB (for Windows 10) is reserved for system recovery software.
 ¹² Thunderbolt™ 4 and USB4™ maximum speed of 40Gbps will be divided between the different data workstreams.
 ¹³ HDMI cable sold separately
 ¹⁴ SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
 ¹⁵ HP G module is optional and must be configured at the factory. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mbz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in vour area. Data connection, unload and download speeds will vary due to 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 supported.
- module planned to be available in select platforms and select countries, where carrier supported.

 16 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.

 17 Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited.

 18 CEEE is relaxed to the support of t
- Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold
- to support gigation data trate when transferring lites between two devices connected to the same router. Nequires a writeress router, soot separately, that supports 80MHz and higher channels.

 18 WWAN is an optional feature and requires factory configuration and 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, and in all regions.

 19 Cat ML LPWAN (Mobile Narrowband) cards support select platforms with the HP Protect & Trace with Wolf Connect service, but do not connect the bild becapitangly interest time.

Sign up for updates hp.com/go/getupdated

- ²⁰ Intel® Arc™ graphics only available on select Intel® Core™ Ultra H-series processor-powered systems with at least 16GB of system nory in dual channel configuration.

 upport HD decode, DX12, HDMI 1.4, HDCP 2.2 via DP up to 4K @ 60Hz and via HDMI up to 4K @ 30Hz

- 22 HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-887
 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
 23 Both UMA & Discrete configurations support 3 independent displays when on the HP UltraSlim Dock (sold separately) Max. resolution
 = 2.5K @60Hz (DP1) & 2.5K @60Hz (DP2) & FHD (VGA), and support 3 independent displays when on the HP Thunderbolt Dock G2 (sold separately) - Max. resolution = 2.5K @60Hz (DP1) & 2.5K @60Hz (DP2) & FHD (VGA) OR 4K @60Hz (one DP Port) & 4K @60Hz (Type-C output port using a Type C-to-DP adapter).
- (Typet-Courput port using a Type C-to-DP adapter).

 *A HD content required to view HD images.

 *S Windows Hello face authentication utilizes a camera specially configured for near infrared (IR) imaging to authenticate and unlock Windows devices as well as unlock your Microsoft Passport.

 *S 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/document/c05115630

 27 HP Manageability Integration Kit not presintalled, however available for downloaded from https://www.hp.com/us-en/solutio
- management-solutions.html#tab=manageability-tools.

 By PC onnect 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. Netw
- 29 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.

 30 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. 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.

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

- HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
 HP Sure 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.
 HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://lityl/zPrLT6A_SureClick for complete details.
 HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://lityl/zPrLT6A_SureClick for complete details.
 HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://lityl/zPrLT6A_SureClick for complete details.
 HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://lityl/zPrLT6A_SureClick for complete details.
- in landscape orientation.
- myHP requires Windows OS.
- Resolutions are dependent upon monitor capability, and resolution and color depth settings
- "Resolutions are dependent upon monitro capatalini, and resolution and color accumpation of the color and requires a supervisor password be established prior and requires a supervisor password prior
- to use.

 40 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 wish thtp://www.hpdaas.com/requirements. Not applicable in China.

 41 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. ⁴² HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China,
- The Observed requires vindows 2 and in ingire. 2 see product specifications for availability. Of minis with Vindows in the Sture Sense is only available via Softpaq download.

 43 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 50 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities of the study of th 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.
- 44 HP BIOSphere Gen6 features may vary depending on the platform and configuration.
 45 Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25
- FREQUEUM micro is opposed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in EPEAT standard for computers, IEEE 1680.1-2018 standard.

 FIPEAT standard for computers, 8 Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a
- percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.

 49 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more
- Not all features are available in all editions or versions of Ubuntu. Systems may require upgraded and/or separately purchased rdware, drivers, software or BIOS to take full advantage of Ubuntu functionality. Ubuntu may be automatically updated. ISP fees may apply and additional requirements may apply over time for updates.
- HP Image Assistant not preinstalled, however available for download at https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html 53 HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/inn/document/ish 4449597-3519507-16 .
- **GOpilot- 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. See aka.ms/copilotpluspcs.

 55 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/smartsupport.

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

 59 HP Support Assistant is explained to a Windows 10 or 11 Pro or higher, included security features.
- 7 HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant 58 Poly Lens Desktop requires a Windows OS.
- 59 HP Connection Optimizer requires Windows 10 and Windows 11.

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