# HP EliteBook X G1i 14 inch Notebook Next Gen Al PC

### Drive strategy with the efficiency and power of next-gen Al

Propel your business forward with AI that uses your own data to make strategic business decisions. Discover what you can do with AI applications<sup>4</sup>, advanced collaboration features, and optimized battery life on the HP EliteBook X G1i Next Gen AI PC.

## Optimize time and streamline your effort with next-gen Al

Accelerate work with 48 TOPS and Al for transcribing meetings and building presentations that quickly bring your strategies to life. Built-in Al performance management helps extend battery life so you can focus on deep thinking, rather than finding an outlet.<sup>3,4</sup>

## Connect and engage effortlessly with Al Innovations

Ensure that you and your ideas take the main stage in every collaborative session with Poly Camera Pro's background adjustments, automatic framing, and spotlight.<sup>5</sup> Hear and be heard clearly with four Poly Studio tuned speakers and two studioquality mics.

## Robust security against quantum computing attacks

Fortify your workforce against quantum threats with the built-in HP Endpoint Security Controller (ESC).<sup>6</sup> The latest ESC protects firmware against quantum computer attacks and helps ensure the integrity of sensitive and regulated data.



\*Product image may differ from actual product

### Sustainability in action

### Help protect our shared future

With over 70-percent of major parts<sup>7</sup> containing recycled materials8, including recycled fishnets in the keyboard, the HP EliteBook X G1i provides power data tracking and suggestions to reduce energy use representing the latest in design from HP.<sup>9</sup>



## HP EliteBook X G1i 14 inch Notebook Next Gen Al PC

### Featuring

#### HP Recommends Windows 11 Pro for business with Microsoft Copilot

Work anywhere without compromising on performance with Windows 11<sup>1</sup> and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.<sup>10</sup>

#### Intel<sup>®</sup> powers PCs next-gen Al

Free up time to focus on what matters with the latest Intel<sup>®</sup> Core<sup>™</sup> Ultra processor with an NPU<sup>2,3</sup> purposely built for the next era of AI software.<sup>4</sup>

#### Explore new things and find answers

Seamlessly explore new things and find answers to anything you need, leveraging web content. With AI Companion you can Discover information, advice, creative ideas, or just conversation. Experience the power of AI knowledge at your fingertips.<sup>12</sup>

#### Query and interact with your personal files

Query and interact with your personal files to get actionable insights. Build a custom library in Al Companion to Analyze and compare your documents, summarize, or draft reports and articles.<sup>12</sup>

#### Optimize your PC with Perform tool

Get updates and ongoing optimization with the new Perform tool in Al Companion that will assess your PC performance, improve it and better your everyday experience over time. Works in the background to maintain system drivers, BIOS, and core PC firmware.<sup>12</sup>

#### 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.<sup>5</sup> 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.<sup>13</sup>

#### Wake and lock with your presence

Lock your PC when you leave it and wake it when you approach with HP Auto Lock and Awake. An advanced proximity sensor detects your presence and triggers the camera and Windows Hello to confirm your identity and unlock your PC.<sup>14</sup>

#### Hear and be heard

Dynamic Voice Leveling<sup>5</sup> automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. Al Noise Reduction<sup>5</sup> uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.

#### **Al-enhanced features**

Work without distractions with HP Smart Sense<sup>15</sup> that uses AI to shift gears between comfort and performance. It automatically anticipates and adjusts to your PC usage behavior, ensuring the best balance of performance and power.

#### 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.<sup>5</sup>

#### 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.<sup>11</sup>



## HP EliteBook X G1i 14 inch Notebook Next Gen Al PC

### **Technical specifications**

Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Home - HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language - HP recommends Windows 11 Pro for business <sup>1</sup> FreeDOS
Processor family	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
Available Processors <sup>2,3,4,5</sup>	Intel® Core™ Ultra 7 268V (up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (48 NPU TOPS) Intel® Core™ Ultra 7 266V (up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (48 NPU TOPS) Intel® Core™ Ultra 7 258V (up to 3.7 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (47 NPU TOPS) Intel® Core™ Ultra 7 258V (up to 3.7 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (47 NPU TOPS) Intel® Core™ Ultra 7 258V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) Intel® Core™ Ultra 5 238V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) Intel® Core™ Ultra 5 236V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) Intel® Core™ Ultra 5 228V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) Intel® Core™ Ultra 5 228V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E- cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) Intel® Core™ Ultra 5 226V (up to 3.
Neural Processing Unit	Intel® AI Boost <sup>5</sup>
Product colour	Atmosphere blue; Glacier silver
Maximum memory	32 GB LPDDR5x-8533 MT/s; (Transfer rates up to 8533 MT/s.) Slots are non customer accessible/upgradeable. Supports dual channel memory.
Internal storage	512 GB up to 2 TB PCIe <sup>®</sup> Gen4x4 NVMe <sup>™</sup> M.2 SSD TLC <sup>6</sup> 256 GB up to 1 TB PCIe <sup>®</sup> NVMe <sup>™</sup> M.2 SSD <sup>6</sup> 512 GB PCIe <sup>®</sup> Gen4x4 NVMe <sup>™</sup> M.2 SED SSD TLC <sup>6</sup>
Display size (diagonal, metric)	35.6 cm (14")
Display <sup>16,17,18,19</sup>	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 500 nits, 100% sRGB; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 500 nits, 100% sRGB; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease
Available Graphics	Integrated: Intel® Arc™ Graphics <sup>15</sup> (Support DX12 and HDMI 2.1.)
Audio	Audio by Poly Studio, quad stereo speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	2 Thunderbolt <sup>™</sup> 4 with USB Type-C <sup>®</sup> 40Gbps signaling rate (USB Power Delivery, DisplayPort <sup>™</sup> 2.1, HP Sleep and Charge); 1 USB Type-C <sup>®</sup> 10Gbps signaling rate (USB Power Delivery, DisplayPort <sup>™</sup> 1.4); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 USB Type-A 5Gbps signaling rate (powered) <sup>14</sup> ; (Cables are not included.)
Input devices	HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with DuraKeys; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad; Gyroscope; Thermal sensor; Hall effect sensor; Color sensor with Ambient light sensing; Inertial Measurement Unit sensor; Ambient light sensor
Communications	(Compatible with Miracast-certified devices.); ; Qualcomm® 9205 LTE Cat-M1 Modem <sup>13</sup> ; 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® ; HP 4000 4G LTE Advanced Pro; HP 5000 5G Solution ; NFC Mirage WNC XRAV-1 <sup>8,9</sup>
Camera	5 MP camera; IR camera
Software	Buy Microsoft Office (sold separately); HP AI Companion; HP Connection Optimizer; HP Easy Clean <sup>25</sup> ; HP Hotkey support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan <sup>26</sup> ; HP Smart Support <sup>57</sup> ; HP Support Assistant <sup>27</sup> ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP <sup>28</sup> ; Poly Camera Pro; Poly Lens <sup>29</sup>
Security management	Secured-Core PC Enable <sup>38</sup> ; Windows Hello Enhanced Slgn-in Security (ESS) Enable; HP Sure Admin <sup>39</sup> ; HP Sure Click <sup>40</sup> ; HP Sure Recover <sup>41</sup> ; HP Sure Run <sup>42</sup> ; HP Sure Sense <sup>43</sup> ; HP Sure Start <sup>44</sup> ; HP Tamper Lock <sup>45</sup> ; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); Absolute Persistence Module <sup>46</sup> ; Audio Permanent Disable; BIOS Update via Network; HP BIOSphere Gen6 <sup>47</sup> ; HP DriveLock and Automatic DriveLock; HP Secure Erase <sup>48</sup> ; HP Wake on WLAN
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Fingerprint reader	Fingerprint sensor (select models)



# HP EliteBook X G1i 14 inch Notebook Next Gen Al PC

### **Technical specifications**

Management features	HP Client Catalog (download) <sup>30</sup> ; HP Client Management Script Library (download) <sup>31</sup> ; HP Cloud Recovery <sup>32</sup> ; HP Image Assistant (download) <sup>35</sup> ; HP Manageability Integration Kit (download) <sup>36</sup> ; HP Power Manager with Battery Health Manager (download) <sup>37</sup> ; HP Connect for Microsoft Endpoint Manager <sup>33</sup> ; HP Driver Packs (download) <sup>34</sup>
Memory card device	1 nano SIM (optional)
Power	65 W USB Type-C <sup>®</sup> slim adapter; 65 W USB Type-C <sup>®</sup> adapter; HP 100 W USB Type-C <sup>®</sup> slim adapter; HP 65 W USB Type-C <sup>®</sup> Halogen-free adapter; HP 65 W USB Type-C <sup>®</sup> GaN slim power adapter <sup>22</sup>
Battery type	HP Long Life 6-cell, 68 Wh Li-ion polymer; HP Long Life 3-cell, 56 Wh Li-ion polymer <sup>20</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. <sup>21</sup>
Dimensions	31.39 x 21.99 x 1.05 cm (front); 31.39 x 21.99 x 1.49 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)
Weight	Starting at 1.18 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. <sup>23</sup>
Energy star certified	ENERGY STAR <sup>®</sup> certified
Certification and compliance	CSA/UL 62368-1; 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 <sup>24</sup>
Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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.



### HP EliteBook X G1i 14 inch Notebook Next Gen Al PC

#### Footnotes

#### **Messaging Footnotes**

<sup>1</sup>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. <sup>2</sup> Multicore is designed to improve performance of certain software products. Not all customers or software or plactations will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware 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 in compatibility requirements. Potential NPU inferencing performance varies by use,

configuration, and other factors.

<sup>4</sup> ISV solutions are sold separately and may require a subscription and NPU.

<sup>5</sup> Requires myHP application and Windows OS.

 <sup>1</sup> Requires m/H<sup>2</sup> application and Windows US.
 Requires m/H<sup>2</sup> application and Windows 10 or higher. For supported HPPCs with the latest HP Endpoint Security Controller (Gen 5), See https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA8-3644ENW.
 <sup>1</sup> Major parts do not include screws, cables, inner frame, SSD, memory, and sub PCBs.
 <sup>8</sup> Recycled materials is expressed as a percentage of the total recycled plastic and metal over the total weight of the product.
 <sup>9</sup> Energy Consumption Meter requires Windows 10 and registrations for the Workforce Experience platform at https://damin.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 and HP Insights agent for Windows, Mac, & Android, available for download at 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 and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform and is not sold as a standalone service. Internet barries in the formation Same access with connection to the Workforce Experience platform and is not sold as a standalone service. Internet to clean barries in the plan barries in the formation Same access with connection to the Workforce Experience platform and is not sold as a standalone service. Internet to barries in the plan barries in the service. Internet to clean barries in the plan barries in the plan barries in the plan barries in the plan barries. Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO2701, ISO27017 and SOC2 Type2 certified for Information Security. Fleet management requires HP Proactive Insights. <sup>10</sup> Microsoft Copilot 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 Copilot is not available, the Copilot key will lead to the Bing search engine. See

<sup>12</sup> Microsott Copilot 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 Copilot is not available, the Copilot key will lead to the Bing search engine. See http://kak.ms/WindowsAFeatures.
 <sup>12</sup> HP AI Scourtly 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.
 <sup>12</sup> HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store and requires a HP next gen AI PC with a NPU supporting 40-60 TOPS and requires Windows 11. Perform requires account set up within 30 days of PC boot or enrollment through the HP AI Companion app. Some features require customer upload of local data. Five (5) library 100MB limit each, supported files may vary and at launch include gf, txt, docx files.
 <sup>14</sup> Beaulties Windows 10. And files in the file store in t

<sup>14</sup> Requires Windows 10 and higher and set up of facial recognition through Windows Hello.
<sup>15</sup> Smart Sense requires the myHP app and Windows 11 OS. Features may vary by platform.

#### **Specification Footnotes**

<sup>1</sup> 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. (SP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. <sup>2</sup> Auticore 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<sup>5</sup> numbering. Dranding and/or noming is not a measurement of higher performance. <sup>3</sup> Processor speed denotes maximum performance worke processors will run at lower speeds in battery optimization mode. <sup>4</sup> Intel<sup>5</sup> Two boost performance varies depending on hardware, software and overall system configurations. ending undown configurations configurations configurations are 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, notification or and other forestore.

<sup>1</sup> Products and software not require a vivo may require software purchase, subscription or enablement by a software or plantarm provider, and and part software may nove specific comparison or comparisonity requirements, Potential NPO interencing performance varies by desconfiguration, and other factors.
<sup>6</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.
<sup>8</sup> Wretess access point on thermet service required and soft desparately, 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.
<sup>9</sup> Intel VPro<sup>+</sup> requires Windows 10 or 11 Pro and higher, u Vro supported processor, where Mi-Fi 7 is supported. The specification distance with other 802.11BE devices.
<sup>9</sup> Intel VPro<sup>+</sup> requires Windows 10 or 11 Pro and higher, u Vro supported processor, where Mi-Fi 6E WLAN and JPW 20. Some functionality requires additional 3rd party software in order to run. Features of VPro<sup>+</sup> Essentials and Enterprise vary. See https://intel.com/ypro.
<sup>10</sup> Mircoast is a wireless technology your PC can use to project your screen to TVs, projectors, and stranding on provide site activity (FNDC) with both 100Mbr of 5G NB and LTE channel hardwirth.

<sup>16</sup> Mirclost is a Wireless technology your PC can use to project your sorten to 1Vs, projectors, and streaming. <sup>11</sup> <sup>16</sup> Sincodule is optional and must be configured at the factory. Module designed for 5G NR SAN (non-standalone) networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 2560AM 4x4 as defined by 3GPP. 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 supported. <sup>12</sup> 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." ustry 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 ware storeness accord.

lower memory speed. <sup>13</sup> Cat MI LPWAN (Mobile Narrowband) cards support select platforms with the HP Protect & Trace with Wolf Connect service, but do not support mobile broadband/internet use. <sup>14</sup> USB 20Cbps speed is not available with Thunderbolt<sup>™</sup> 4. <sup>15</sup> Intel<sup>®</sup> Graphics capabilities require system to be configured with Intel<sup>®</sup> Core<sup>™</sup> Ultra 5 or Ultra 7 processors and dual channel memory. Single channel memory will only function as Intel<sup>®</sup> ARC graphics.

<sup>17</sup> HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>18</sup> Actual brightness will be lower with touchscreen or Sure View.

<sup>18</sup> Actual brightness will be lower with touchscreen or Sure View.
<sup>19</sup> Alt pacifications represent the typical specifications provided by HPs component manufacturers; actual performance may vary either higher or lower.
<sup>20</sup> For new batteries, actual burghtness will be lower with touchscreen or Sure View.
<sup>20</sup> For new batteries, actual burghtness will be rought and may have of 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.
<sup>20</sup> 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 provided with the notebook. Power adapter provided with the notebook. Power adapter provided multi 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.

<sup>22</sup> Availability may vary by country.
<sup>23</sup> Based on US EPEAT\* registration according to IEEE 16801-2018 EPEAT\*. Status varies by country. Visit www.epeat.net for more information.

<sup>12</sup> Betarend power cords, collides and peripheration according to letz: loour.2viii ErzeAT. Status varies by country, visit www.epedt.net for more information.
<sup>24</sup> External power cords, collides and peripherations are not tow Holdgens.
<sup>25</sup> HP Easy Clean requires Windows 10 RS3 and higher and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.
<sup>26</sup> HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the HP Insights agent automatically. To disable this feature, please follow the instructions at http://www.hpdaas.com/requirements.
<sup>26</sup> HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the HP Insights agent automatically. To disable this feature, please follow the instructions at http://www.hpdaas.com/requirements.
<sup>26</sup> HP Easy Clean requires a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at https://dmin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO2701, ISO2701, ISO2701, and SOC2 Type2 certified for Information Security. Not available in Cheven China.

<sup>27</sup> HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant.

<sup>28</sup> MyHP requires Windows 10 or higher OS.
<sup>29</sup> Poly Lens requires a Windows OS.

Poly claims requires a windows OSA PO File Total Catalog not preinstalled, however available for download at https://www.hp.com/us-en/solutions/client-management-solutions.html . PP Client Management Script Library (https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools). PP 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://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools). https://support.hp.com/us-en/computer

<sup>39</sup> HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageobility KI or KMS Service from http://www.hp.com/go/clientmanagement and HP Sure Aamin Local Access Authenticator smartphone app from the Anaroia or Appe store.
 <sup>40</sup> HP Sure Click requires Windows 10 and higher: See https://bit/y2Pt1GA\_SureClick for complete details.
 <sup>41</sup> 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 using HP Sure Recover to avoid loss of data. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs windows 10 and higher.
 <sup>42</sup> HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
 <sup>43</sup> HP Sure Sense requires Windows 10 and higher.
 <sup>44</sup> HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
 <sup>45</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on select HP PCs und requires Windows 10 and higher.
 <sup>46</sup> HP Sure Start is available on the customer or your administrator.
 <sup>46</sup> Absolute Persistence firmware module is shipped turned off and can only be activated with the pur

 <sup>44</sup> 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 7 validability outside the U.S. Certain conditions apply. For full details with https://www.absolute.com/absolute/.
 <sup>47</sup> HP BIOSphere Gen6 features may vary depending on the platform and configuration.
 <sup>48</sup> HP BioSphere Gen6 features may vary depending on the platform and configuration.
 <sup>49</sup> HP BioSphire Gen6 features may vary depending on the platform and configuration.
 <sup>49</sup> HP BioSphire Reder Is an optional features than equices Windows 10 or 11 Pro or higher, includes various HP security features and sovaliable on HP Pro. Elite, Workstotion, and RPOS products. See product details for included security features and Sequerements.
 <sup>59</sup> HP Morf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro. Elite, Workstotion, and RPOS products. See product details for included security features and Sequerements.
 <sup>59</sup> HP Singent requires the HP Insights agent to be installed. For more information about how to enable or to dwnload HP Smart Support, places visit http://www.hp.com/smart.support. HP Services Scan is preinstalled and/or provided thru Windows Update and will check and will check and will also a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27001, SO27001 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit https://www.hp.com/smart.support. HP Secure Features and ophices chick and applications and is not sold as a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27001, and SOC2 Type2 certified for https://www.hpdggs.com/requirements

ent Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and Copyright 2025 HP Developr services. Notice of the substitution of the su property of their respective owners.

February 2025

