## HP Elite x360 830 13 inch G11 2-in-1 Notebook PC

### The enterprise notebook that's anything but ordinary

Equip your high-producing teams with the Al-enhance PC that delivers the power of the latest Intel<sup>®</sup> Core<sup>™</sup> processor<sup>2</sup> with an NPU<sup>3</sup>, HP Wolf Security, and intuitive collaboration tools they need for working in the office or in a hybrid setting. The HP Elite x360 830 effectively meets the demands of multi-tasking teams across the globe.

# Engineered for long lasting productivity from anywhere

Empower your hybrid workforce with the elevated conferencing capabilities, easily managed security, and Al-driven performance from the latest Intel® Core™ processor<sup>2</sup> with an NPU<sup>3</sup> in the sleek HP Elite x360 830 purpose built for demanding enterprise workloads.

## Collaboration personalized to you

Move freely and interact naturally using speakers tuned by Poly Studio with Al Noise Reduction<sup>4</sup> and a 5MP camera with automatic framing<sup>4</sup> and Dynamic Color Tuning.<sup>5</sup> Expand collaboration opportunities with optional high-speed 5G<sup>6</sup> connectivity.

### 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>7</sup>



\*Product image may differ from actual product

Sustainability in action

Help protect our shared future



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### Featuring

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

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 Copilot in Windows.<sup>10</sup>

#### Intel<sup>®</sup> powers PCs enhanced by AI

Free up time to focus on what matters with an Intel<sup>®</sup> Core<sup>™ 2</sup> processor purposely built for the next era of AI software. Three compute engines<sup>3</sup> manage AI workloads, help improve video conferencing, and allow for advanced content creation.

#### **HP Smart Sense**

Enjoy long battery life managed by AI and HP Smart Sense<sup>11</sup> that adapts to power needs. The PC will switch to performance mode when you need the most power and back to comfort mode that helps keep your pc cool and quiet during simple tasks.

#### 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>4</sup>

#### Balanced light for a clear image

Make sure you can clearly be seen on calls with Dynamic Color Tuning<sup>4</sup> that adjusts camera auto-color and auto-white balance for a more natural color when you are in front of a monochromatic background.

#### Hear and be heard

Dynamic Voice Leveling<sup>4</sup> automatically optimizes voice clarity within 3-meters of the PC. Al Noise Reduction<sup>4</sup> uses noise-filtering technology to enhance audio conferencing experiences.

#### Automatic framing

Move around a little without losing viewers' attention during video calls with automatic framing.<sup>5</sup> The optional 5MP IR camera and audio follow you or multiple presenters as they move within the camera's frame.

#### See colors as they should be

Make the color of your screen look consistent in any light with Adaptive Color<sup>11</sup> that adjusts your display automatically to the ambient light in the room to represent the true color of the content being displayed.

#### Comfortable viewing

Optional TÜV certified HP Eye Ease low blue light anti-glare panels<sup>12</sup> help remove blue light waves while preserving vivid color accuracy.

#### Stay connected

Your "office" can be where you need it, letting you connect almost anywhere with optional support for up to 5G wireless broadband technology with 4x4 antennas that can deliver fast download and upload speeds.<sup>6</sup>

#### Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit data rate Wi-Fi 6E.<sup>13,14</sup>

#### Work longer, Charge faster.

Long battery life gets you through a day of meetings without plugging in. Quickly recharge your PC with HP Fast Charge. You'll get up to 50% battery life in just 30 minutes of charging.<sup>15</sup>



## HP Elite x360 830 13 inch G11 2-in-1 Notebook PC

### **Technical specifications**

	Windows 11 Pro <sup>1</sup> Windows 11 Home - HP recommends Windows 11 Pro for business <sup>1</sup>
Available Operating Systems	Windows 11 Pro Education <sup>1</sup> Windows 11 Home Single Language - HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement) <sup>1</sup>
Processor family	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
Available Processors <sup>2,3,4,35</sup>	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) 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) 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) 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)
Maximum memory	32 GB LPDDR5X-7500 MHz RAM; (Transfer rates up to 7467 MT/s.) Dual channel support. <sup>5</sup>
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> Value SSD <sup>6</sup> up to 512 GB PCIe <sup>®</sup> Gen4x4 NVMe <sup>™</sup> M.2 SED SSD TLC <sup>6</sup> up to 256 GB PCIe <sup>®</sup> NVMe <sup>™</sup> M.2 SED SSD <sup>6</sup>
Display size (diagonal, metric)	33.8 cm (13.3")
Display <sup>15,16,17,18,19</sup>	<ul> <li>13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen; 13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen; 13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, low power, 100% sRGB; 13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, low power, 100% sRGB; 13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 400 nits, low power, 100% sRGB; 13.3" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC</li> <li>33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 1000 nits, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 1000 nits, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, BrightView, 1000 nits, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, low power, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, low power, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 400 nits, low power, 100% sRGB; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC</li> </ul>
Available Graphics	Integrated: Intel® Graphics (Support HD decode, DX12, HDMI 2.0b, HDCP 2.3.)
Audio	Audio by Poly Studio, dual 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> 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack <sup>11</sup> ; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional); 1 External Nano SIM slot for WWAN <sup>12</sup>
Input devices	HP Premium Keyboard - spill-resistant with optional backlit keyboard and Durakeys <sup>13</sup> ; Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad; Accelerometer; Magnetometer; Motion Al LSM6DSL; Thermal sensor; Adaptive color sensor; HP Tamper Lock <sup>41</sup> ; Ambient light sensor
Communications	(Compatible with Miracast-certified devices.); ; 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® 5G Solution 5000; Qualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro ; Near Field Communication (NFC) module <sup>7</sup>
Camera	5 MP camera; IR Camera (select models) <sup>14</sup>
Software	Adobe offer; Bing Search for IE11; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Connection Optimizer; HP Easy Clean; HP Easy Clean Keyboard Driver; HP Hotkey Support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager; HP Smart Support <sup>57</sup> ; HP Privacy Settings; HP Support Assistant <sup>21</sup> ; HSA Fusion for Commercial; HP Services Scan <sup>20</sup> ; Copilot in Windows with Copilot key <sup>42</sup>
Security management	HP Client Security Manager; HP Sure Admin <sup>25</sup> ; HP Sure Click <sup>26</sup> ; HP Sure Recover Gen6 <sup>27</sup> ; HP Sure Run Gen5 <sup>28</sup> ; HP Sure Sense <sup>29</sup> ; HP Sure Start Gen7; HP Tamper Lock <sup>41</sup> ; Secured-Core PC Enable <sup>30</sup> ; Windows Hello Enhanced Slgn-in Security (ESS) Enable; Absolute persistence module <sup>31</sup> ; BIOS Update via Network; HP BIOSphere Gen6 <sup>32</sup> ; HP DriveLock and Automatic DriveLock; Secure Erase <sup>33</sup> ; HP Wake on WLAN; Security lock slot <sup>43</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Fingerprint reader	Fingerprint sensor (select models)



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### **Technical specifications**

Management features	HP Client Catalog (download) HP Client Management Script Library (download) HP Cloud Recovery <sup>22</sup> HP Connect for Microsoft Endpoint Manager HP Driver Packs (download) HP Image Assistant Gen 5 (download) HP Manageability Integration Kit (download) <sup>23</sup>
	HP Patch Assistant (download) <sup>24</sup>
Power	HP 65 W USB Type-C <sup>®</sup> slim adapter; 65 W USB Type-C <sup>®</sup> adapter <sup>38</sup>
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer <sup>37</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. <sup>36</sup>
Battery life	Up to 16 hours and 30 minutes <sup>50</sup>
Dimensions	11.81 x 8.5 x 0.31 in (front); 11.81 x 8.5 x 0.63 in (rear); 30 x 21.61 x 0.8 cm (front); 30 x 21.61 x 1.62 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.); 2.71 x 17.67 x 12 in 6.9 x 44.9 x 30.5 cm (Package)
Weight	Starting at 2.91 lb; Starting at 1.31 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>39</sup>
Energy star certified	ENERGY STAR® certified
Certification and compliance	GS Mark; 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; Ocean-bound plastic in bezel and speaker enclosure(s); 55% post-consumer recycled plastic; 75% recycled metal <sup>40,45,46,47,48</sup>
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.



### HP Elite x360 830 13 inch G11 2-in-1 Notebook 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. <sup>2</sup> <sup>2</sup>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. Intels numbering, branding and/or naming is not a measurement of higher performance. <sup>3</sup>Features and software that require an NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other

factors

Requires myHP application and Windows OS

 $^5$  Automatic framing is a feature of Windows Studio and requires Windows 11 OS and a processor equipped with an NPU

<sup>6</sup> Intel<sup>5</sup> Strategies of the second second

environment, network conditions, and other factors. Backwards compabile to 4G LIE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported. <sup>1</sup>PH Volf Security for Dusiness requires Windows 10 or 11P cond higher, includes various HP excirity features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features. <sup>8</sup>Recycled plastic content percentage is based on the definition set in the IEEE 1680J-2018 standard. <sup>9</sup>Energy Consumption Meter requires Window 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, Moc, & Android. Activation and restrictions may apply. Select HP Workforce Spuerience requires that requires the cost of the requires that requires that requires that requires the requires that requires the requires that requires the cost of the requires that requires the requires the cost of the requires that requires the requires the requires that requires that requires the requires that requir

Requires Windows 11. Some features require an NPU. Timina of feature delivery and availability varies by market and device. Requires Microsoft account to loa in. Where Microsoft in Windows is not available, the Copilot key will lead to the Bina search engine. See http://aka.ms/Windov AlFeatures

<sup>11</sup> Requires Windows 11 OS.

<sup>12</sup> Low blue light panel is only available with 400nit, non-touch, models without HP Sure View Reflect.

<sup>14</sup> Wi-Fi<sup>15</sup> supported only data matching global tata rate is achievable with Wi-Fi<sup>16</sup> E (80211ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels. <sup>15</sup> Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/10% due to System

#### **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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. <sup>2</sup> 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. <sup>3</sup> Processor speed denotes maximum performance mode, processors will run at lower speeds in battery optimization mode. <sup>4</sup> Intel<sup>®</sup> Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information. <sup>5</sup> Due to the neares their device in device understance of the performance varies depending on hardware, software and overall system configuration mode.

<sup>5</sup> 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

<sup>6</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.

<sup>9</sup> For storage drives, GB = 1 billion bytes. 11 = 1 trillion bytes, Actual formatted capacity is less. Up to 30 GB (Iro Windows 10 and 11) is reserved for system recovery software.
 <sup>9</sup> Wris GE equipments a Wris IE s cruter, and Windows 11, for function in the 6GHz band. Availability for yubilo wrieless access points limited. Wri-Fi 6E is backwards compatible with prior 80211 specs. And available in countries where Wr-Fi 6E is supported.
 <sup>8</sup> Mircoast is a wireless technology war PC can use to project your screen to TVs, projectors, and streaming.
 <sup>9</sup> WMAN 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 LIE not available on all products, in all regions.
 <sup>10</sup> 56 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 100Mhz of 5G NR and LTE channel bandwidth, usi 2560AM 4v4 as defined by 39CP. Module requires accustant and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, Igendo and download ad download ad download as peededs will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LIE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported.
 <sup>11</sup> USB 20GNM 4v4 as served is on there include and for where here the served is an other factors. Backwards compatible to 4G LIE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported.

<sup>11</sup> USB 20Gbps speed is not available with Thunderbolt<sup>™</sup> 4 <sup>2</sup> SIM slot is not user accessible without WWAN configuration.

<sup>13</sup> Backlit keyboard is an optional feature.
<sup>14</sup> Sold separately or as an optional feature.

<sup>15</sup> WUXGA content required to view WUXGA images

<sup>10</sup> WUXGA content required to view WUXGA images.
<sup>10</sup> Resolution or edependent upon monitor capability, and resolution and color depth settings.
<sup>10</sup> HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
<sup>10</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
<sup>20</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. The
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<sup>20</sup> HP Services Scan is preinstalled and/or provided thru Windows Update and Checks for service entitement on each hardware device and downloads the HP Insights ag HP Insights agent is 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://domin.hp.com/solware. For full system requirements and services that require the agent, please visit https://domin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications the Workforce Experience platform and is not sold as a standalone service. Interview the analytics around devices and applications the Workforce Experience platform and is not sold as a standalone service. Interview the agent is a standalone service. Interview the advection of the Workforce Experience platform and is not sold as a standalone service. Interview the advection of the Workforce Experience platform is not sold as a standalone service. Interview the advection of the Workforce Experience platform and is not sold as a standalone service. Interview the advection of the Workforce Experience platform and is not sold as a standalone service. Interview the advection of the Workforce Experience platform is not sold as a standalone service. Interview the advection of the Workforce Experience platform and is not sold as a standalone service. Interview the advection of the Workforce Experience platform is not sold as a standalone service. Interview the advection of the Workforce Experience platform is not sold as a standalone service. Interview the advection of the standard service is advection of the standard service is advection of the platform is sold as a standalone service. Interview the advection of the standard service is advection <sup>21</sup> HP Support Assistant requires Windows and Internet access

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 <sup>22</sup> HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel<sup>4</sup> or AMD processors and requires an open, wired 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.hc.com/us=n/document/co6116560.
 <sup>23</sup> HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.
 <sup>24</sup> HP Chatassistant available on select HP PCs with he HP BIOS, HP Manageability Kit or KMS Service from http://www.hp.com/go/clientmanagement.overview.html.
 <sup>25</sup> 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.
 <sup>26</sup> HP Sure Rover's is available on select HP PCs and requires Windows 10 and higher.
 <sup>27</sup> HP Sure Rover's available on select HP PCs and requires Windows 10 and higher.
 <sup>28</sup> HP Sure Mun Gent Si available on select HP PCs and requires Windows 10 and higher.
 <sup>29</sup> HP Sure Rover is available on select HP PCs and requires Windows 10 and higher.
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<sup>28</sup> HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
 <sup>28</sup> HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.
 <sup>20</sup> Secured Core PC Enable requires an Intel<sup>®</sup> VPo<sup>®</sup>, AMD Ryzem<sup>®</sup> Pro processor or Qualcomm<sup>®</sup> processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC is enabled from the factory.
 <sup>21</sup> AD Solute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the US. Certain conditions apply. For full detains with thrust, Winwarkoshoute/com(lactivation) and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the US. Certain conditions apply. For full detains with Intel<sup>®</sup> Obtained, and configuration.
 <sup>28</sup> HP BioSphere Gen6 features may vary depending on the platform and configuration.
 <sup>28</sup> 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<sup>®</sup> Optane<sup>®</sup>.
 <sup>34</sup> HP Singer Since 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, configuration, and effort for some some software for platforms for a software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configu

other factors.

36 Recharges up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery co policies 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

battery capacities greater than 56Whr and less than 85Whr. 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>37</sup> 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. <sup>38</sup> Availability may vary by country. <sup>39</sup> Based on US EPEAT<sup>\*</sup> registration according to IEEE 16801-2018 EPEAT<sup>\*</sup>. Status varies by country, Usis twowepeat.net for more information. <sup>40</sup> External exercement concervers and the and professional are not a batterined after an usehone many to be law lefteren.

<sup>40</sup> External power supplies, power cords, cobles and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. <sup>41</sup> HP Tamper Lock must be enabled by the customer or your administrator. <sup>42</sup> Requires Windows 11 and 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 http://akams/WindowsAlFeatures.

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