



# HP Dragonfly 13.5 inch G4 Notebook PC

Define your success story

Power your personal brand with the HP Dragonfly. This beautifully designed PC provides audio and video experiences enhanced by HP Presence<sup>3</sup>, enclosures that contain 90 percent recycled magnesium<sup>4</sup>, and helps keep you protected with HP Wolf Security.<sup>5</sup>



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

#### Move freely and interact naturally

- Optimize how you look and sound online with intuitive audio and video conferencing enhanced by HP Presence.<sup>3</sup> Adjustments to how you are framed in video, backlighting, and impeccable audio are automated so online meetings are more personal.

#### Elevate the way you work

- Accomplish more wherever work takes you. Ideally balanced with power, mobility, and contextual intelligence features, the HP Dragonfly helps maintain comfort and provides optimal battery life by adapting to your environment.

#### Exquisitely crafted and ultralight

- Prioritizing design around advanced user experiences and the visionary use of high-quality materials is a hallmark of the exquisitely crafted HP Dragonfly. Choose from Slate Blue or Natural Silver with striking finishes and accents that highlight the design.

#### Outer box packaging 100% sustainably sourced

- This PC is ENERGY STAR<sup>®</sup> certified and EPEAT<sup>®</sup> registered in 23 countries<sup>7</sup> with an enclosure that contains 90 percent recycled magnesium by weight.<sup>4</sup> The speaker enclosures<sup>8</sup> contains ocean-bound plastics and the outer box packaging is 100 percent sustainably sourced.<sup>9</sup>
- Move freely, and look your best, even in low light conditions during video calls enhanced by HP Presence. HP Auto Frame, HP Natural Tone, and HP Appearance Filter work together so you appear more natural and can make personal connections.<sup>3,7</sup>
- 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>5</sup>
- Support for dual video streams and camera switching with Multi-Camera Experience software makes it easy to stream one video of an object while the other camera stays on you.<sup>11</sup>
- Your audience can easily read a document or whiteboard with HP Keystone Correction that automatically crops and flattens the image of the camera feed.<sup>10</sup>
- Utilize the optional HP Wolf Protect and Trace service with threshold cryptography to find, lock, and erase data from all of your premium HP devices, helping ensure that your sensitive information is protected.<sup>12</sup>
- Enable hardware and software innovations from HP with the myHP application. This single dashboard houses access to settings for audio, video, the programmable key, and more.<sup>13</sup>
- Move around a little without losing viewers' attention during video calls with HP Auto Frame.<sup>10</sup>
- Keep a consistent look across all your videoconferencing apps with Background Adjustment that has two ways to mask your background. Set Background Blur or choose an image once in myHP instead of adjusting settings in multiple apps.<sup>10</sup>
- Make the color of your screen look consistent in any light with Adaptive Color that adjusts your display automatically to the ambient light in the room to represent the true color of the content being displayed.<sup>13</sup>
- TÜV certified HP Eye Ease low blue light anti-glare panels help remove blue light waves while preserving vivid color accuracy.
- HP Dynamic Voice Leveling automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. HP AI Noise Reduction uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.<sup>10</sup>
- 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>

## HP Dragonfly 13.5 inch G4 Notebook PC Specifications Table



\*Product image may differ from actual product

<b>Available Operating Systems</b>	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <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> Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade) <sup>1,2</sup> FreeDOS
<b>Processor family</b>	13th Generation Intel® Core™ i7 processor; 13th Generation Intel® Core™ i5 processor
<b>Available Processors</b> <sup>3,4,5,6</sup>	Intel® Core™ i7-1355U (1.2 GHz E-core base frequency, 1.7 GHz P-core base frequency, up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads); Intel® Core™ i5-1335U (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.4 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads); Intel® Core™ i7-1365U (1.3 GHz E-core base frequency, 1.8 GHz P-core base frequency, up to 3.9 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads), supports Intel® vPro® Technology; Intel® Core™ i5-1345U (1.2 GHz E-core base frequency, 1.6 GHz P-core base frequency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads), supports Intel® vPro® Technology
<b>Maximum memory</b>	32 GB LPDDR5-4800 MHz RAM <sup>7,39</sup> Memory soldered down. Supports dual channel memory.
<b>Internal storage</b>	512 GB up to 2 TB PCIe® NVMe™ M.2 Value SSD TLC <sup>8</sup> 512 GB up to 1 TB PCIe® NVMe™ M.2 SED SSD TLC <sup>8</sup> 256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD <sup>8</sup> up to 256 GB PCIe® NVMe™ M.2 SSD <sup>8</sup>
<b>Display size (diagonal, metric)</b>	34.3 cm (13.5")
<b>Display</b>	34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280), touch, IPS, micro-edge, anti-glare, 400 nits, 100% sRGB; 34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280), touch, IPS, micro-edge, BrightView, 400 nits, 100% sRGB; 34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280), IPS, micro-edge, BrightView, 400 nits, 100% sRGB; 34.3 cm (13.5") diagonal, 3Kx2K (3000 x 2000), OLED, UWVA, BrightView, Corning® Gorilla® Glass 7, 400 nits, 100% DCI-P3; 34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280), IPS, micro-edge, anti-glare, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen with HP Eye Ease <sup>14,15,16,17</sup>
<b>Available Graphics</b>	Integrated: Intel® Iris® X® Graphics <sup>13</sup> (Support HD decode, DX12, HDMI 2.1.)
<b>Audio</b>	Audio by B&O
<b>Expansion slots</b>	1 nano SIM <sup>12</sup>
<b>Ports and Connectors</b>	2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery); 1 Stereo headphone/microphone combo jack; 1 HDMI 2.1 <sup>17</sup> ; (HDMI cable sold separately.)
<b>Input devices</b>	HP Premium Keyboard – spill-resistant, optional backlit keyboard with numeric keypad; Clickpad with multi-touch gesture support;
<b>Communications</b>	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 combo, non-vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 combo, vPro® <sup>10,11</sup> ; Intel® XMM™ 7560 LTE Advanced Pro; Intel® 5G Solution 5000; Near Field Communication (NFC) module
<b>Camera</b>	5 MP IR camera with HP Camera Privacy Key
<b>Software</b>	HP Connection Optimizer; HP Hotkey Support; HP Support Assistant; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; HP Notifications; HP PC Hardware Diagnostics Windows; HP Services Scan; HP Smart Support (download); <sup>19,20,21,22,43,18</sup>
<b>Security management</b>	Absolute persistence module; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5; Secured-Core PC Enable; <sup>27,28,29,30,31,32,33,34,35,36,37</sup>
<b>Security Software Licenses</b>	HP Wolf Pro Security Edition <sup>56</sup>
<b>Fingerprint reader</b>	Fingerprint sensor
<b>Management features</b>	HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager <sup>23,24,25,26</sup>
<b>Power</b>	HP Smart 65 W USB Type-C® adapter; HP Smart 65 W USB Type-C® slim adapter <sup>41</sup>
<b>Battery type</b>	HP Long Life 4-cell, 45 Wh Li-ion polymer; HP Long Life 6-cell, 68 Wh Li-ion polymer <sup>40</sup>
<b>Dimensions</b>	29.74 x 22.04 x 1.64 cm
<b>Weight</b>	Starting at 0.99 kg; (Weight will vary by configuration. Does not include power adapter.)
<b>Ecolabels</b>	EPEAT® registered configurations available; CECP; IT ECO Declaration; EPEAT® Gold registered in the U.S.; SEPA; Taiwan Green Mark; Japan PC Green Label; KODECO; TCO Certified; FEMP <sup>42</sup>
<b>Energy star certified (series fixed)</b>	ENERGY STAR® certified
<b>Certification and compliance</b>	CCC
<b>Sustainable impact specifications</b>	Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s); 85% recycled metal
<b>Warranty</b>	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> 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: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> .

## HP Dragonfly 13.5 inch G4 Notebook PC

### Accessories and services (not included)

#### HP 975 Dual-Mode Wireless Keyboard



Now you can make your keyboard truly yours while enjoying an elevated typing experience. That's because you can connect up to 3 devices either via Bluetooth® or USB-A. We've also included many must-have features like comfortable, quiet, soft return keys, 20+ of which can be programmed with shortcuts, controllable smart backlight, and a long life, rechargeable battery.

**Product number: 3Z726AA**

<sup>1</sup> Battery life based on 5 day week, 8 hours per day. Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.

<sup>2</sup> Enabled by HP Accessory Center (HPAC) Software. HP Accessory Center (HPAC) software available for free download in Microsoft Store or Apple Store.

#### HP Universal USB-C Multiport Hub



Unlock new possibilities with the HP Universal USB-C Multiport hub, now supporting any USB-C<sup>1</sup> compatible PC. 7 ports, 1 power and data passthrough cable, and many peripherals to plug and play however you like. It also supports dual 4K<sup>2</sup> displays via HDMI 2.0 and 1 DisplayPort™ 1.2. This hub is all you need to stay connected.

**Product number: 50H55AA**

<sup>1</sup> USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

<sup>2</sup> 4K content required to view full 4K images.

#### HP Nano Combination Cable Lock



Keep your laptop locked in and secured with the HP Combination Nano Cable Lock, designed for any HP notebook with a nano lock slot<sup>1</sup>. Loop and lock with a unique pre-set combination for keyless, worry-free security almost anywhere.

**Product number: 63B28AA**

<sup>1</sup> Compatible with 400-1000 G9 Series laptops with nano lock slots.

#### HP Renew Executive 14-inch Laptop Sleeve



We've put an all-new spin on premium design and high quality materials. Crafted with functional style, this laptop sleeve fits your work or life needs with places and pockets for all your work essentials. Keep what's important close to you and keep your commitment to the planet with the external material containing 100% recycled plastics<sup>1</sup>.

**Product number: 6B8Y3AA**

<sup>1</sup> Exterior material contains 100% recycled PET prior to the addition of dye, the equivalent of four 16.9 oz. recycled plastic water bottles.

<sup>2</sup> Lysol Disinfectant Spray Type C (EPA Registration No. 777-54-AA) can be used to clean the HP Renew Executive 14.1-inch Laptop Sleeve up to 50 times. See Lysol's use instructions.

#### HP 715 Rechargeable Multi-Device Mouse



Find the freedom to work how you want with programmable buttons, up to 90-day battery life<sup>1</sup>, and a compact ambidextrous design. Stay productive from anywhere, on any surface, and with many devices with track on glass sensor and multi-OS connectivity. Work better with the freedom you want and the flexibility you need, all in one mouse.

**Product number: 6E6F0AA**

<sup>1</sup> Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.

<sup>2</sup> Based on HP's internal analysis of mice that recharge using Micro USB or USB-C® with 6 or more programmable buttons using manufacturer software or app as of January 2023.

# HP Dragonfly 13.5 inch G4 Notebook PC

## Messaging Footnotes

- <sup>2</sup> Multi-core 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. AMD's numbering is not a measurement of clock speed.
- <sup>3</sup> Select HP Products are enhanced with HP Presence. Features vary by platform.
- <sup>4</sup> Enclosure includes top cover, screen bezel, palm rest cover, and bottom cover.
- <sup>5</sup> HP Wolf Security for Business requires Windows 10 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>7</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>8</sup> Speaker enclosure component made with 5% ocean bound plastic.
- <sup>9</sup> 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.
- <sup>10</sup> Requires myHP application and Windows OS.
- <sup>11</sup> Dual video streams and camera switching with Multi-Camera requires second camera that is sold separately or as an optional feature and requires myHP application.
- <sup>12</sup> HP Wolf Security Protect and Trace is an optional feature and is available for select HP 600, 800, 1000, Windows based Elite Dragonfly Laptops, select 800 desktops, and Z1 G8 Workstations and will function when the device is powered on and connected to the Internet. HP TechPulse a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP TechPulse follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements, please visit <http://www.hpdaas.com>.
- <sup>13</sup> Requires Windows OS.
- <sup>14</sup> Requires Windows 10 and higher and set up of facial recognition through Windows Hello.

## Technical Specifications 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> This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- <sup>3</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>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>6</sup> In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- <sup>7</sup> All slots are non-accessible / non-upgradeable.
- <sup>8</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> SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
- <sup>10</sup> Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- <sup>11</sup> WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
- <sup>12</sup> SIM slot is not user accessible without WWAN configuration.
- <sup>13</sup> Intel® Iris® X® Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X® Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as UHD graphics.
- <sup>14</sup> HD content required to view HD images.
- <sup>15</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>16</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>17</sup> Actual brightness will be lower with touchscreen or Sure View.
- <sup>18</sup> Microsoft Office sold separately and requires Internet access for activation.
- <sup>19</sup> HP Smart Support requires HP TechPulse to be installed. For more information about how to enable or to download HP Smart Support, please visit <http://www.hp.com/smart-support>.
- <sup>20</sup> 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 and is not sold as a standalone service. HP TechPulse follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access with connection to TechPulse portal is required. For full system requirements or to disable this feature, please visit <http://www.hpdaas.com/requirements>. Not applicable in China.
- <sup>21</sup> HP Support Assistance requires Windows and Internet Access.
- <sup>22</sup> HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.
- <sup>23</sup> HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.
- <sup>24</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>25</sup> HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>26</sup> 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, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Details please refer to: <https://support.hp.com/us-en/document/c05115630>.
- <sup>27</sup> HP Sure Click requires Windows 10 Pro or higher or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>28</sup> HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS25. HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher. HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.
- <sup>29</sup> HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
- <sup>30</sup> HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.
- <sup>31</sup> HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
- <sup>32</sup> HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
- <sup>33</sup> HP Tamper Lock must be enabled by the customer or your administrator.
- <sup>34</sup> HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- <sup>35</sup> HP Secure Erase for 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® Optane™.
- <sup>36</sup> Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/>.
- <sup>37</sup> 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.
- <sup>38</sup> HP Fingerprint sensor is an optional feature that must be configured at purchase.
- <sup>39</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>40</sup> Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- <sup>41</sup> Availability may vary by country.
- <sup>42</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>43</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>44</sup> HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: [https://support.hp.com/us-en/document/ish\\_3875769-3873014-16](https://support.hp.com/us-en/document/ish_3875769-3873014-16) as that EULA is modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support."

Sign up for updates [hp.com/go/getupdated](http://hp.com/go/getupdated)

© Copyright 2023 HP Development 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 services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core, Celeron, Pentium, Thunderbolt, Iris and Intel vPro are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

#gb-en#, April 2023

--

