### Performance to stay productive from anywhere

Deliver essential performance, security, and durability for hybrid workstyles on this reliable, budget-friendly HP ProBook 440 laptop. Designed for productivity with upgradeable storage and memory, a 14-inch display, and an expanded 16:10 aspect ratio.

## Designed for hybrid productivity

Adapt to varied workstyles for comfort and ease-of-use. With 16:10 aspect ratio on a 14-inch display, get a large-screen experience within a compact, modern design for enhanced productivity, whether working at home or in the office.

## Optimized for growing business

Keep up with demanding, deadlinedriven tasks with the latest Intel<sup>®</sup> processor<sup>2</sup> and long battery life. Unlock Al-powered workflows with NVIDIA discrete graphics<sup>3</sup> and meet challenging business requirements with upgradeable storage and memory.

## Enterprise-level security and durability

Safeguard your business with multilayered, endpoint security features that help protect your PC from malware and hacking.<sup>4</sup> This PC undergoes 19 MIL-STD tests<sup>5</sup> for durability and is easily serviceable– helping make the most of your IT investment.



\*Product image may differ from actual product

### Sustainability in action

#### Help protect our shared future

Manufactured with sustainability in mind, this ProBook 440 contains 50 percent post-industrial recycled stamped aluminum in the chassis and 100 percent sustainably sourced materials in the outer box.<sup>6</sup>



### Featuring

#### HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11<sup>1</sup> and HP collaboration, security, and connectivity technology.

#### Latest Intel® multi-core processor

Configure your HP ProBook 440's CPU for the perfect combination of power, snappy performance, and value. The latest Intel® processor<sup>2</sup> handles multiple work tasks smoothly and reliably with multiple processing cores to divide up the work.

#### Protected by HP Wolf Security

HP Wolf Security for Business<sup>4</sup> 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.

#### Make connections that matter

Let your audience see you clearly with a hybrid work-ready optional 5MP IR camera.<sup>3</sup> Enjoy the crystal-clear audio tuned by poly studio and Al Noise Reduction.<sup>4</sup>

#### Smooth graphics performance

Boost your laptop's performance with optional NVIDIA® GeForce RTX2050 discrete graphics.<sup>3</sup> Enable fast execution for your computing, multimedia, and AI workloads with enhanced, dedicated next-gen graphics.

#### Enhanced viewing experience

Push the limits of performance with this laptop's thin and light chassis and 14-inch display. Featuring a 16:10 aspect ratio, allowing you to see more vertical content in a surprisingly small footprint while reducing the need to scroll.

#### Automatic framing

Move around a little without losing viewers' attention during video calls with automatic framing.<sup>8</sup> The 5MP IR camera and audio follow you as you move within the camera's frame.

#### Wireless 4G LTE connectivity

Stay connected almost anywhere with the optional embedded CAT16 WWAN.<sup>9</sup> Highly reliable advanced network connectivity helps expand connectivity and enhance security.

#### A modern universal docking solution

Quickly transition to desktop productivity with two multi-function USB Type-C<sup>®</sup> ports. Simply connect with USB-C<sup>®</sup> cables<sup>10</sup> from your laptop to your displays and other peripherals.

#### Easy-carry, modern design

Carry this laptop in style with a sleek, compact chassis featuring stylish aluminum components. Portable and light for use at home, in the office, and all places in between.



### **Technical specifications**

Available Operating Systems	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> FreeDOS
Processor family <sup>5</sup>	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
Available Processors <sup>2,3,4,5</sup>	Intel® Core™ Ultra 7 155H (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P- cores and 8 E-cores, 22 threads) Intel® Core™ Ultra 5 125H (up to 3.6 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P- cores and 8 E-cores, 18 threads) Intel® Core™ Ultra 7 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 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P- cores and 8 E-cores, 14 threads)
Neural Processing Unit	Intel® Al Boost
Product colour	Pike silver
Maximum memory	48 GB DDR5-5600 MT/s; (Transfer rates up to 5600 MT/s.) Dual channel support. <sup>6</sup>
Memory slots	2 SODIMM
Internal storage	512 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SSD <sup>7</sup> up to 256 GB PCIe® NVMe™ Value SSD <sup>7</sup>
Display size (diagonal, metric)	35.6 cm (14")
Display <sup>15,16,17,18,38</sup>	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, Iow power, 100% sRGB with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 35.6 cm (14") diagonal, WQXGA (2560 x 1600), IPS, anti-glare, 500 nits, 100% DCI-P3
Available Graphics	Integrated: Intel® Arc™ Graphics; Intel® Graphics <sup>12,44</sup> Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated) <sup>13</sup> (Support DX12 and HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	2 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45 ; (HDMI cable sold separately.)
Input devices	Spill-resistant, optional backlit keyboard with DuraKeys <sup>51</sup> ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad
Communications	(Compatible with Miracast-certified devices. <sup>11</sup> ); ; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card ; Qualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro
Camera	FHD camera (select models); 5 MP IR camera (select models) <sup>15</sup>
Software	Adobe offer; Buy Office; HP Connection Optimizer; HP MAC Address Manager; Copilot in Windows with Copilot key <sup>19</sup> ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager <sup>42</sup> ; HP Privacy Settings; HP Services Scan <sup>43</sup> ; HP Smart Support <sup>57</sup> ; HP Support Assistant <sup>21</sup> ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP; Miro offer <sup>22</sup>
Security management	HP Client Security Manager; HP Sure Admin <sup>27</sup> ; HP Sure Click <sup>28</sup> ; HP Sure Recover Gen6 <sup>29</sup> ; HP Sure Run Gen5 <sup>30</sup> ; HP Sure Sense; HP Sure Start Gen7 <sup>31</sup> ; HP Tamper Lock <sup>20</sup> ; Secured-Core PC Enable <sup>32</sup> ; TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified); Absolute Persistence Module <sup>33</sup> ; BIOS Update via Network; HP BIOSphere Gen6 <sup>34</sup> ; HP DriveLock and Automatic DriveLock; HP Secure Erase <sup>35</sup> ; HP Wake on WLAN; Windows Hello Enhanced SIgn-in Security (ESS) Enable; Security lock slot <sup>42</sup> ; HP Endpoint Security Controller (ESC-5)
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Fingerprint reader	Fingerprint sensor (select models)



### **Technical specifications**

Management featuresHP Client Catalog (download); HP Cloud Recovery <sup>28</sup> ; HP Connect for Microsoft Endpoint Manager <sup>24</sup> , HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Ktt (download) <sup>25</sup> Memory card device1 nano SIM (optional)Power45 W USB Type-C° adapter; 65 W USB Type-C° adapter; HP 100 W USB Type-C° slim adapter; HP 65 W USB Type-C° Halogen-free adapter <sup>38</sup> Battery typeHP Long Life 3-cell, 56 Wh LHon polymer <sup>37</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty; Fast charging 50% in 30 minutes. <sup>39</sup> Dimensions136 x 22.44 x 109 cm (front); 31.86 x 22.43 x 17 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back height measurement is near the back edge where the chassis bottom cover toper begins. Back 12/1 x 12/n 6/2 x 12/n		
Power       45 W USB Type-C* adapter; 65 W USB Type-C* adapter; HP 100 W USB Type-C* slim adapter; HP 65 W USB Type-C* Halogen-free 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>39</sup> Dimensions       31.86 x 22.44 x 1.09 cm (front); 31.86 x 22.43 x 1.7 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 1.39 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>40</sup> Certification and compliance       GS Mark; CSA/UL 62368-1; FCC//CES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHS         Sustainable impact specifications       Low halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced metar fe-64/47.48.49         Warranty       I-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/batter/warranty of for additional battery information. On-site service and extended coverage to is also avaiiable. HP Care Pack Services to roy urH P product, u	Management features	Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Kit (download) <sup>25</sup> ; HP
Poweradapter38adapter38HP Long Life 3-cell, 56 Wh Li-Ion polymer37; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.39Battery type31.86 x 22.44 x 1.09 cm (front); 31.86 x 22.43 x 1.7 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)WeightStarting at 1.39 kg; (Weight will vary by configuration. Does not include power adapter.)EcolabelsEPEAT* registered configurations available; TCO Certified configurations available; EPEAT* Gold registered in the U.S.40Energy star certifiedENERGY STAR* certifiedCertification and complianceGS Mark; CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHSSustainable impact specificationsLow 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; Oxe post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system frar; 50% recycled metal <sup>45,454,47,48,49</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 warranty. Refer to http://w	Memory card device	1 nano SIM (optional)
Battery typeBattery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. <sup>39</sup> Dimensions31.86 x 22.44 x 1.09 cm (front); 31.86 x 22.43 x 1.7 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)WeightStarting at 1.39 kg: (Weight will vary by configuration. Does not include power adapter.)EcolabelsEPEAT* registered configurations available; TCO Certified configurations available; EPEAT* Gold registered in the U.S. <sup>40</sup> Energy star certifiedENERGY STAR* certifiedSustainable impact specificationsGS Mark; CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHSSustainable impact specificationsLow halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 50% recycled metal <sup>45,46,4748,49</sup> WarrantyNeefer to http://www.hp.com/support/bottery.warranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services Services Contracts that go beyond the standard limited warranty. Refer to http://www.hp.com/support/bottery.warranty for additional battery information. On-site service ond actended service on tracts that go beyond the standard limited warranty. Refer to http://www.hp.com/support/bottery.waranty. use the HP Care Pa	Power	
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#### Footnotes

#### **Messaging Footnotes**

<sup>1</sup>Not all features are available in all editions or versions of Windows. Systems may require uparaded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and <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> Optional feature that must be configured at the time of purchase.

<sup>4</sup> HP Wolf Security for Business requires Windows 10 and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements. <sup>5</sup> MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP

Accidental Damage Protection Care Service.

<sup>9</sup> Oto% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
<sup>9</sup> Automatic framing is a feature of Windows Studio and requires Windows 11 OS and a processor equipped with an NPU.

<sup>9</sup> WWAN is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions. <sup>10</sup> USB-C<sup>a</sup> cables sold separately.

#### 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>1</sup> Turbo Boost performance varies depending on hardware, software and overall system configurations. See www.intel.com/technology/turbobost for more information.

<sup>5</sup> Features and software that require a NPU may require may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Performance varies by

use, configuration, and other factors. <sup>6</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>7</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of disk is reserved for system recovery software. <sup>6</sup> Wi-Fi GE requires a Wi-Fi GE router, and Windows 11, to function in the G6Hz band. Availability of public wireless access points limited. Wi-Fi GE is backwards compatible with prior 80211 specs. And available in countries where Wi-Fi 6E is supported. <sup>9</sup> WiANI is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions. <sup>10</sup> LPWAN (also called Mobile Narrowband) support HP Protect & Trace with Wolf Connect service through the subscription term, but do not support mobile broadband use.

<sup>11</sup> Mirrocest is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming. <sup>12</sup> Intel<sup>1</sup> Graphics capabilities require system to be configured with Intel<sup>11</sup> Core<sup>11</sup> Ultra 5 or Ultra 7 processors and dual channel memory. Single channel memory will only function as Intel<sup>11</sup> ARC graphics. <sup>13</sup> Integrated graphics depends on processor. WVIDIA<sup>40</sup> Optimus<sup>\*\*</sup> technology, full enablement of all discrete graphics depends on display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).

<sup>15</sup> WOXGA/WUXGA/FHD resolution content required to view WOXGA/WUXGA/FHD images.
<sup>16</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings

 <sup>17</sup> Actual brightness will be lower with touchscreen.
 <sup>18</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
 <sup>18</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>19</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 Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAlFeatures

<sup>0</sup> HP Tamper Lock must be enabled by the customer or your administrator.

<sup>21</sup> HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant .
<sup>22</sup> HP customers qualify for a 90 day trail of Miro, this offer ends September 2025. Complete terms and conditions are provided by Miro when accepting the offer.

<sup>23</sup> HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel<sup>®</sup> or AMD processors requires an open network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail

monoconcept yis available for 2 by nP; HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors requires an open network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. D
 please refer to: https://support.hp.com/us-en/document/c05115630.
 #4 IP Connection 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.
 #10 Connection required.
 #2 monocomment/c05115630.

 $^5$  HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html

<sup>26</sup> HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager.
<sup>27</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

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<sup>31</sup> HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
 <sup>32</sup> Secured-Core PC Enable requires an Intel® vPro®, AMD Ryzen<sup>®</sup> 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>33</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>34</sup> HP BIOSphere features may vary depending on the platform and configuration. <sup>35</sup> HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r "Clear" sanitation method. HP Secure Erase does not support platforms with Intel" Optane". <sup>36</sup> HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.

<sup>3</sup> For my before source to the source source 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.

several factors such as battery healtin management setungs, since ine, torper store or the entertient of 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 <sup>39</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 minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 <sup>39</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 minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 <sup>30</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 minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 <sup>30</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 minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 <sup>30</sup> Recharges up to 50% within 30 minutes when the system is off or in standby 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 with sequired for battery capacities greater than 56Whr and less than 83Whr. Power datapter minimum of 120 with sequired for battery capacities greater than 90Whr and less than 160Whr. After charging the max vary +1/0% due to System tolerance. <sup>42</sup> Breado n US EPEAT\* registration according to IEEE 1680.12018 EPEAT\*. Status varies by country. Visit www.epeat.net for more information. <sup>42</sup> HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store. Depending on what version of HP Battery Health Manager (BHM) is available for your device, HP BHM may look at a number of factors to determine how to adjust

battery charging over time to optimize battery health. HP BHM is preset to "Let HP Manage my Battery Charging" to allow the system to balance charging between battery health and battery duration. As Let HP Manage My Battery Charging adjusts charge capacity, the amount of run-time on battery will be reduced over time. HP may utilize BIOS updates to adjust BHM settings on select systems to optimize battery health and reduce exposure to those factors that can accelerate battery degradation. To update or change HP

BHM settings and for complete details, see https://support.hp.com/us-en/document/ish\_4449597351950716 <sup>43</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. For full system requirements or to disable this feature, please visit http://www.hpdaas.com/requirements. Not applicable in China. <sup>44</sup> Hardware acceleration for CODEC H265/HEVC (High Efficiency Video Coding) is disabled on this platform, including the current configuration and alternate options.

<sup>45</sup> Molded pulp cushions made from 100% recycled wood fiber and organic materials.

<sup>46</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
<sup>47</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>48</sup> Percentage of ocean-bound plastic contained in each component varies by product.
<sup>49</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

<sup>50</sup> Hardware acceleration for CODEC H.265/HEVC (High Efficiency Video Coding) is disabled on this platform. <sup>51</sup> Backlit keyboard is an optional feature.

<sup>66</sup> HP Wolf Pro Security Edition is available preloaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition 

Click and HP Sure Sense at no additional cost with no future software updates or HP Support. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term of the subject license ends. <sup>57</sup> HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support.

<sup>60</sup> Depending on the version available for your device and the setting you select, HP Battery Health Manager (BHM) will use a proprietary set of algorithms to optimize battery health during the life of the battery. New Commercial Notebooks come equipped with BHM set to "Let HP Manage My Battery Health "as the default. This setting will reduce charge capacity over time to optimize battery health and mitigate factors that can accelerate battery degradation. As a result of this reduction, battery runtime will decrease over time as available charge capacity is reduced. HP may, at any time, update HP Battery Health Manager to improve available settings, functionality, and performance. Refurbished products may have customized default settings to optimize user experience. For additional information on updating or modifying HP Battery Health Manager settings, please go to HPCOM/SUPPORT/BATTERY.

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