### Maximize your potential with a resilient, future-ready laptop

Discover a modern PC experience with advanced technology as your teams delve into Aldriven workstyles. HP ProBook 4 laptop Al PC delivers essential performance, security, and durability in an easily upgradeable 14" package built for a long lifecycle.

## Maximize performance with advanced features

Grow your business, managing tasks efficiently with an Intel® Core™ Ultra processor.<sup>2,3</sup> Unlock Al-powered workflows with a 11 TOPS NPU<sup>4</sup>, NVIDIA RTX™ graphics³, and upgradeable storage and memory.

#### Hybrid productivity unleashed

Adapt to varied workstyles for easy-to-use comfort. With a 16:10 aspect ratio<sup>5</sup> on a 14-inch display and large keyboard and touchpad, get an enhanced productivity experience within a compact, modern design, whether working at home or in the office.

# Enterprise-level security, simplified

Safeguard your business from malware and hacking with next-gen antivirus. Multi-layered security application isolation and deep learning features work with management tools to streamline security, hardware, and BIOS tasks to help protect your PC.<sup>6</sup>

\*Product image may differ from actual product

#### Sustainability in action

#### Help protect our shared future

The ProBook 4 G1i Notebook AI PC contains 50% post-industrial recycled aluminum in the cover<sup>7</sup>, uses 100 percent HP paper-based packaging from recycled or certified sustainable sources<sup>8</sup>, and uses AC current sensors to gauge power consumption.



### **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. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.<sup>10</sup>

#### Latest Intel® multi-core processor

Get the perfect combination of power, snappy performance, and value for your HP ProBook 4. With up to the latest Intel® Core™ Ultra 7 Processor<sup>2,3</sup> and featuring 11 TOPS NPU<sup>4</sup>, optimize your workload with Al-driven intelligent technology.

#### Protected by HP Wolf Security

HP Wolf Security for Business<sup>6</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.

#### Capture all the details with a UHD brilliant display

Choose a crystal-clear WUXGA resolution display with 300 nits of brightness<sup>3,11,12</sup> or an ultra-crisp WQXGA with 400 nits.<sup>3,11,12</sup> Combined with Low Blue Light<sup>3</sup> and touchscreen<sup>3,12</sup>, this display provides a sharp, immersive viewing experience.

#### Meet performance needs with an upgradeable DDR5 SO-DIMM slot

Elevate your laptop's effectiveness with up to 32GB dual channel memory. Easily upgrade and maintain memory to meet the growing demands of your business.

#### Stay connected with fast and efficient Wi-Fi 7

The portability of your PC and the reliability of a fast connection determines where you can work. Get a swift, reliable connection in dense wireless environments with gigabit data rate Wi-Fi 7.3.13,13

#### Wireless 4G LTE connectivity

Stay connected almost anywhere with the optional embedded CAT16 WWAN.<sup>15</sup> Highly reliable advanced network connectivity helps expand connectivity and enhance security.

#### Performance improvements for HP security solutions

Enable hardware-enforced, self-healing security solutions with the HP Endpoint Security Controller<sup>16</sup> and device identity. Cryptographically protected hardware helps protect against quantum computer attacks and creates a root of trust.

#### 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 17, allowing you to see more vertical content in a surprisingly small footprint while reducing the need to scroll.

#### Make connections that matter

Let your audience see you clearly with an FHD<sup>3</sup> camera or the optional 5MP + IR camera, featuring Temporal Noise Reduction and ISP.<sup>3</sup> Together with speakers tuned by Poly Studio, help ensure exceptional visual and audio clarity and definition.

#### Powerful discrete graphics performance

Boost your laptop's performance with optional NVIDIA® GeForce RTX3050 discrete graphics. Utilize powerful tools from Al-based content creation to smart video conferencing with fast and smooth graphics performance.

#### Find, lock, or erase a lost PC

Losing an important PC can cost much more than money. Help mitigate risk and reduce those costs with optional HP Wolf Security Protect and Trace with Wolf Connect. Now you have a comprehensive way to locate, lock, and erase a PC in any power state. 18,19



## **Technical specifications**

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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> Windows 11 Pro Education <sup>1</sup> Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) <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 255H (up to 2.5 GHz LP E-core Max Turbo frequency, up to 4.4 GHz E-core Max Turbo frequency, up to 5.1 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores, 2 LP E-cores and 8 E-cores, 16 threads) with Intel® Arc™ Graphics and Intel® Al Boost (13 NPU TOPS)  Intel® Core™ Ultra 7 255U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Graphics and Intel® Al Boost (12 NPU TOPS)  Intel® Core™ Ultra 5 225U (up to 2.4 GHz LP E-core Max Turbo frequency, up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Graphics and Intel® Al Boost (12 NPU TOPS)  Intel® Core™ Ultra 5 225H (up to 2.5 GHz LP E-core Max Turbo frequency, up to 4.2 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores, 2 LP E-cores and 8 E-cores, 14 threads) with Intel® Arc™ Graphics and Intel® Al Boost (13 NPU TOPS)
Neural Processing Unit	Intel® Al Boost <sup>5</sup>
Product colour	Pike silver
Maximum memory	48 GB DDR5-5600 MT/s; (Transfer rates up to 5600 MT/s.) Both slots are accessible/upgradeable by IT or self-maintainers only. Supports dual channel memory. <sup>6</sup>
Memory slots	2 SODIMM
Internal storage	256 GB up to 1TB PCle® NVMe™ M.2 SSD <sup>7</sup>
Display size (diagonal, metric)	35.6 cm (14")
Display <sup>14,15,16,46</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, 300 nits, low power, 62.5% sRGB; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, low power, 62.5% sRGB; 35.6 cm (14") diagonal, 2.2K (2240 x 1400), IPS, 60 Hz, anti-glare, 400 nits, 100% sRGB with HP Eye Ease
Available Graphics	Integrated: Intel® Arc™ Graphics; Intel® Graphics <sup>20</sup> Discrete: NVIDIA® GeForce RTX™ 3050 (4 GB GDDR6 dedicated) <sup>13</sup> (Support HD decode, DX12, HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers, dual array microphones
Ports and connectors	1 HDMl 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; 2 USB Type-A 5Gbps signaling rate (powered); 2 USB Type-C® 20Gbps signaling rate (USB Power Delivery 3.0, DisplayPort™ 1.4, HP Sleep and Charge) <sup>21</sup> ; (Cables are not included.); Optional Ports: 1 nano SIM <sup>11</sup>
Input devices	Full-size, island-style keyboard with numeric keypad and optional backlit <sup>51</sup> ; Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad; HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor <sup>11,32</sup>
Communications	(Compatible with Miracast-certified devices. 12);; Qualcomm® 9205 LTE Cat-M1 Modem; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card; MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card; Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®; HP 4000 4G LTE Advanced Pro
Camera	FHD camera (select models); 5 MP IR camera (select models) 11,14
Software	Buy Microsoft Office (sold separately); HP Connection Optimizer; HP Hotkey support; HP MAC Address Manager; HP Notifications; HP UEFI BIOS Certification level 2.7B; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan <sup>21</sup> ; HP Smart Support 22; HP Support Assistant; myHP; HSA Fusion for Commercial; HSA Telemetry for Commercial; Poly Lens <sup>15</sup> ; Poly Camera Pro; Copilot in Windows with Copilot key <sup>24</sup>
Security management	HP Tamper Lock <sup>32</sup> ; Secured-Core PC Enable <sup>33</sup> ; Windows Hello Enhanced SIgn-in Security (ESS) Enable; HP Sure Admin <sup>34</sup> ; HP Sure Click <sup>35</sup> ; HP Sure Recover <sup>36</sup> ; HP Sure Run <sup>37</sup> ; HP Sure Sense <sup>38</sup> ; HP Sure Start <sup>39</sup> ; TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified); Absolute Persistence Module <sup>40</sup> ; Audio Permanent Disable; HP BIOS Recovery; BIOS Update via Network; HP BIOSphere Gen6 <sup>41</sup> ; HP DriveLock and Automatic DriveLock; HP Secure Erase <sup>42</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)



### **Technical specifications**

Management features	HP Client Catalog (download) <sup>25</sup> ; HP Client Management Script Library (download) <sup>26</sup> ; HP Cloud Recovery <sup>27</sup> ; HP Connect for Microsoft Endpoint Manager; HP Driver Packs (download) <sup>28</sup> ; HP Image Assistant (download) <sup>29</sup> ; HP Manageability Integration Kit (download) <sup>30</sup> ; HP Power Manager with Battery Health Manager (download) <sup>31</sup>
Power	65 W USB Type-C* adapter; HP 100 W USB Type-C* slim adapter 19
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer; HP Long Life 3-cell, 48 Wh Li-ion polymer <sup>17</sup> ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. <sup>18</sup>
Dimensions	$31.86 \times 22.43 \times 1.09$ cm (front); $31.86 \times 22.43 \times 1.7$ 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.)
Weight	Starting at 1.39 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	${\sf EPEAT^* registered\ configurations\ available; TCO\ Certified\ configurations\ available; EPEAT^*\ Gold\ registered\ in\ the\ U.S.}^{45}$
Energy star certified	ENERGY STAR® certified
Certification and compliance	CECP; 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 RoHS; MIL-STD 810H
Sustainable impact specifications	Low halogen; Bulk packaging available; 20% post-consumer recycled plastic; 50% recycled metal; 50% ocean-bound plastic in fan enclosure; 100% of HP paper-based packaging is from recycled or certified sustainable sources
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.



#### **Footnotes**

#### **Messaging Footnotes**

2 Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

<sup>3</sup> Optional feature that must be configured at the time of purchase.

4 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.

Fall performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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.

Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

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is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

May require Windows Update or app download from the Microsoft Store. Microsoft Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.

WUXGA (1920x1200) or WOXGA (2560x1600) content required to view WUXGA or WOXGA images.

Touchscreen will reduce actual brightness.

13 Wineless cere wait and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (80211BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to \*\* Wireless access point and internet service required and sold separately, Availability of public wireless access points limited. Wi+1 / (80211BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi+1 / router to support backwards compatible Windows 10 Security 80211Be pecs. Available in countries where Wi-Fi 7 is supported. The specification for 80211BE 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 80211BE devices.

\*\*Wi-Fi\*\* supporting glabit data rate is achievable with Wi-Fi 7 (80211BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

\*\*SwANN 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.

\*\*Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller (Gen 5). See https://h20195.www2.hp.com/v2/GetDocument.spx?/docname=4AA8-3644ENW.

\*\*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

18 Service not available in all countries. Cellular service worldwide is limited to areas that Wolf Connect has service available. To learn more about solution service coverage, visit https://www.hpwolf.com/en/legal/ptwc/countries.

19 HP Protect & Trace with Wolf Connect is available on select HP commercial G10 and G11 laptops and mobile workstation devices and requires HP Workforce Central registration, available at https://admin.hp.com. Devices with a mobile narrowband card (MNB) do not support Internet access. Internet service for devices with 4G LTE and 5G modules is not included and must be purchased separately. Wolf Connect. Service not available in all countries.

#### **Specification Footnotes**

1 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.

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> Intrib Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

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

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.

For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 32 GB is reserved for system recovery software.

Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, 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.

9 Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 24H2, select Intel® processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards wireless access point and internet service required and soid separately. Availability of writeless access points influed, wirelined, with 1 (802.118E) indictionality requires windows in 24Hz, select inter-processor, and a wirel rolling, soid separately, which is a compatible with prior 802.118 pecs. Available in countries where Wi-Fi 7 is supported. The specification for 802.118E 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 802.118E devices.

10 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.

11 Sold separately or as an optional feature.

Billion special expension of the control of the co all discrete graphics video and 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).

14 Full-High Definition (FHD) content required to view FHD images.

15 Resolutions are dependent upon monitor capability, and resolution and color depth settings.

16 All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower

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Availability may vary by country.

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

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<sup>23</sup> Poly Lens Desktop requires a Windows OS.

24 Copilot in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. Use of Recall requires customer authentication using Windows Helio Enhanced Sign in Security (ESS) which requires a fingerprint reader or facial recognition camera and may not be supported on all platforms. See http://aka.ms/WindowsAlFeature
25 HP Client Catalog not preinstalled, however available for download at: https://www.hp.com/us-en/solutions/client-management-solutions.html

ment Script Library (https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools).

27 HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/computer.

<sup>28</sup> HP Driver Packs not preinstalled, however available for download at http://www.hp.com/ao/clientmanaaement.

29 HP Image Assistant not preinstalled, however available for download at (https://ttp.exthp.com/pub/caps-softpaq/cmit/HPIA.html).

31 HP Manageability Integration Kit not presintalled, however available for downloaded from https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools <sup>31</sup> HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/in-en/document/ish\_44495973519507-16.

32 HP Tamper Lock must be enabled by the customer or your administrator

33 Secured Core PC requires an Intel® Vprop, AMD Ryzen® Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory, Secured Core PC functionality can be enabled from the factory.

34 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.

36 HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrtT6A\_SureClick for complete details.

36 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.

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

38 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.

39 HP Sure Start is available on select HP PCs and requires Windows 10 and higher.

40 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 for availability outside the U.S. Certain conditions apply. For full details visit https://www.absolute.com/about/flegal/agreements/absolute/ 4 HP BIOSphere Gen6 features may vary depending on the platform and configuration.
42 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® Optone®.

48 HP Secure Lrase imperience up to the late of the la 56 HP Wolf Security for Business requires Windows 10 or 11 Pro or 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.

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