ProductSheet

HP ProBook 450 15.6 inch G9 Notebook PC Wolf Pro Security Edition (6J8W5PA)

Essential features in a modern design

The HP ProBook 450 Laptop provides growing businesses with the commercial-grade performance, HP Wolf Security for Business[5], and durability in a compact design. This PC is powered by an Intel® processor[2] and protected with always-on security you can trust.



Designed for hybrid workstyles
Refined, compact design for easy mobility with the collaboration tools to enhance team productivity.

Everyday business performance
Drive performance with the latest Intel® processor[2] and graphics[3], long battery life, and solid-state drives.

Protected by HP Wolf Security
HP Wolf Pro Security Edition PCs interlace HP Sure Click Pro with HP Sure Sense Pro providing more in-depth coverage than the standard versions through a 1-year or 3-year user license with HP Support.[5] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

Featuring

Let nothing stand in your way
Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. [1]

Security is your top priority
The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses. [4]

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-speed Wi-Fi 6. [6]

HP Sure Sense
Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

Browse confidently
Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [7]

Specifications

Operating System Software	Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)[1,2]
Processor Family	12th Generation Intel® Core™ i7 processor
Processor Name	Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)[6,7]
Standard Memory Description 01	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Hard Drive Description (01)	512 GB PCIe® NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® Iris® Xᵉ Graphics
Display Description (metric)	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display Description	15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC[16,20,21]
Audio Features	Dual stereo speakers, dual array microphones
Product Dimensions W x D x H (metric)	35.94 x 23.39 x 1.99 cm
Product Dimensions W x D x H (imperial)	14.14 x 9.2 x 0.78 in
Weight (metric)	Starting at 1.74 kg *(Weight will vary by configuration.)*
Weight (imperial)	Starting at 3.83 lb *(Weight will vary by configuration.)*
Package Dimensions W x D x H (metric)	6.9 x 52 x 30.5 cm
Package Dimensions W x D x H (imperial)	2.71 x 20.47 x 12 in
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard with numeric keypad
Integrated Camera	720p HD privacy camera
External I/O Ports	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 AC power; 1 HDMI 2.1b; 1 stereo headphone/microphone combo jack; 1 RJ-45 *(HDMI cable sold separately.)*
Wireless Technologies	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth® 5.2 wireless card
Power Supply Required	HP Smart 45 W External AC power adapter[37]
Battery Type	HP Long Life 3-cell, 51 Wh Li-ion
Energy Star Certified	ENERGY STAR® certified
Manageability Features	HP Client Management Script Library (download); HP Image Assistant (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Power Manager[26,27]
Sustainability 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; 10% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s)
Security Management	Absolute persistence module; HP DriveLock and Automatic DriveLock; 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[28,29,30,31,32,33,34,35]
Software Included	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch; HP PC Hardware Diagnostics Windows[23]
UPC Number	196786062285
Manufacturer Warranty	HP Services offers 1-year 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 .[38]

Top Recommended Displays, Accessories and Services

Wireless Headset	
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
Wired Headset	
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	93S88AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	8X228AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	93S87AA
Speakerphones	
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
Topload Bags	
HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
Wireless Combo	
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT
Docking	
HP USB-C 100W G6 Dock	9X3V1UT
HP USB-C Dock G5	5TW10AA
Power Adapters	
HP 65W USB-C LC Power Adapter	1P3K6AA
Video Devices	
HP 325 FHD Webcam	53X27AA

Messaging 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. 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.

[2] 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. Intel's numbering is not a measurement of clock speed.

[3] Intel processor and graphics options must be configured at the time of purchase.

[4] This product includes a three (3) year license of HP Wolf Pro Security Edition which includes HP Sure Click Pro and HP Sure Sense Pro. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as 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 thirty six (36) months thereafter ("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."

[5] 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 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."

[6] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[7] HP Sure Click supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

Technical Specifications 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.

[2] 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.

[6] 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[16] FHD/HD content required to view FHD/HD images.

[20] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[21] Actual brightness will be lower with touchscreen.

[23] HP Support Assistant requires Windows and Internet access.

[26] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement .

[27] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .

[28] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/ computrace-agreement . Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute.

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