

ProductSheet  
**HP ProBook 450 G8 Notebook PC (5U1K9UT)**



## Modern design for today's workstyles

With a new compact design, the HP ProBook 450 Laptop PC delivers commercial performance, security, and durability to professionals at growing companies who move from desk to meeting room to home.



HP recommends Windows 11 Pro for business

### **A new design that fits modern workstyles**

The compact, light, slim chassis with aluminum components is easy to carry from place to place. Enjoy an over 87-percent screen-to-body ratio and a quiet, responsive keyboard.

### **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.[4] This creates a powerful, single solution that doesn't require an IT-managed PC environment.

### **Power that lasts**

Equipped with the latest Intel® processor[2] and high-performance memory, the HP ProBook 450 drives performance with long battery life and high-speed solid-state drives.

## Featuring

### **Windows 11**

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

### **High performance, high portability**

Help speed up demanding business applications with a quad-core 11th Gen Intel® Core™ processor, with breakthrough Intel® Iris® Xe graphics. [2]

### **Security is your top priority**

The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses. [1]

### **Preserve your privacy**

Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera, with a physical shutter to protect from malicious surveillance.

### **Automatic recovery from firmware attacks**

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen6 automatically recovers the BIOS from malware, rootkits, or corruption.

## Specifications

<b>Operating system</b>	Windows 10 Pro (available through downgrade rights from Windows 11 Pro) <sup>[1,2]</sup>
<b>Product color</b>	Pike silver aluminum
<b>Processor family</b>	11th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) <sup>[6,7]</sup>
<b>Memory</b>	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB PCIe® NVMe™ SSD
<b>Optical drive</b>	Not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Iris® Xe Graphics
<b>Display</b>	39.6 cm (15.6") diagonal, FHD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
<b>Display</b>	15.6" diagonal, FHD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC <sup>[12,14,15,16]</sup>
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio</b>	Dual stereo speakers, dual array microphone
<b>Minimum dimensions (W x D x H)</b>	35.94 x 23.39 x 1.99 cm
<b>Minimum dimensions (W x D x H)</b>	14.14 x 9.2 x 0.78 in
<b>Weight</b>	Starting at 1.74 kg (Weight will vary by configuration.)
<b>Weight</b>	Starting at 3.83 lb (Weight will vary by configuration.)
<b>Keyboard</b>	HP Premium Keyboard – spill-resistant, backlit keyboard with numeric keypad
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Camera</b>	720p HD privacy camera
<b>Ports</b>	3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 1.4b; 1 headphone/microphone combo; 1 AC power; 1 RJ-45 (HDMI cable sold separately.)
<b>Package dimensions (W x D x H)</b>	6.9 x 52 x 30.5 cm
<b>Wireless</b>	Intel® Wireless-AC 9560 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
<b>Power</b>	HP Smart 65 W External AC power adapter <sup>[37]</sup>
<b>Battery type</b>	HP Long Life 3-cell, 45 Wh Li-ion
<b>Battery weight</b>	0.42 lb
<b>Battery weight</b>	190 g
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Management features</b>	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3 <sup>[21,22]</sup>
<b>Sustainable impact specifications</b>	Low halogen; TCO Certified
<b>Security management</b>	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Admin; HP Client Security Manager Gen7 <sup>[23,24,25,26,27,28,29,30,31,32,33,35]</sup>
<b>Software included</b>	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; Xerox® DocuShare® 30 day free trial offer <sup>[17,18,36]</sup>
<b>UPC number</b>	(ABA) 196337649804; (ABL) 196337649811
<b>Manufacturer Warranty</b>	HP Services offers 1-year and 3-year limited warranty and 90 day software support options depending on country and the SKU selected by the customer. Batteries have a default one year limited warranty except for Long Life Batteries which will have same 1-year or 3-year limited warranty as the platform. On-site service and extended coverage is also available with HP Care Pack Services, 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> . <sup>[38]</sup>

## Top Recommended Displays, Accessories and Services

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### E-Series

HP E24 G4 FHD Monitor	9VF99AA
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### P-Series

HP P27h G4 FHD Monitor	7VH95AA
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	9UJ13A8
HP P24h G4 FHD Monitor	9UJ13AA

### Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	1X644AA
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### Cases

HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
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### Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
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### Mice

HP 125 Wired Mouse	265A9AA
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### AC Adapters

HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W Slim AC Adapter	H6Y82AA
HP 65W Smart AC Adapter	H6Y89AA

## Messaging Footnotes

[1] This product includes a one (1) 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](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 twelve (12) 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."

[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.

[4] 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."

## 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.

[12] HD content required to view HD images.

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

[15] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[16] Actual brightness will be lower with touchscreen or Sure View.

[17] HP Connection Optimizer requires Windows 10.

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

[21] 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/>

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

[23] 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/>

[24] HP Drive Lock & Automatic Drive Lock is not supported on NVMe drives.

[25] 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™.

[26] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[27] HP Sure Click requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, 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.

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