



## 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 10 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.

### **Multi-layered security protection**

Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook 450 is enhanced with security and privacy features from the BIOS up.

### **Power that lasts**

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

## Featuring

### **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.

### **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.<sup>[1]</sup>

### **Work without interruption**

Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen5 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks.

### **Speed up the basics of IT management**

The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.<sup>[3]</sup>

## Specifications

<b>Memory Slots</b>	2 SODIMM
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio features</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>Ports</b>	3 Super Speed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power (HDMI cable sold separately.)
<b>Expansion slots</b>	1 microSD (Supports SD, SDHC, SDXC.)
<b>Battery weight</b>	0.42 lb
<b>Battery weight</b>	190 g
<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 Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; HP Sure Admin; HP Pro Security Edition <sup>[23,24,25,26,27,28,29,30,31,32,33,34,35]</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; HP WorkWell; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; Xerox® DocuShare® 90 day free trial offer <sup>[17,18,36]</sup>
<b>UPC number</b>	(ABA) 195161127175; (ABL) 195161127182
<b>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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### Docking Stations

HP USB-C Mini Dock	1PM64AA
HP USB-C Dock G5	5TW10AA
HP USB-C/A Universal Dock G2	5TW13AA

### Cases

HP 15.6 Business Top Load	2SC66AA
HP Recycled Series 15.6-inch Top Load	5KN29AA

### Backpacks

HP 17.3 Business Backpack	2SC67AA
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### Keyboard and Mouse Kits

HP Slim USB Keyboard and Mouse	T6T83AA
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### Mice

HP Comfort Grip Wireless Mouse	H2L63AA
HP 3-button USB Laser Mouse	H4B81AA

### AC Adapters

HP 65W USB-C Slim Travel Power Adapter	3PN48AA
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### Power Adapters

HP 65W USB-C Power Adapter	1HE08AA
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### PC Locks

HP Sure Key Cable Lock	6UW42AA
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## Messaging Footnotes

[1] 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.

[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.

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

## Technical Specifications Footnotes

[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.

[28] Windows Defender Opt In, Windows 10, and internet connection required for updates.

[29] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[30] HP Sure Sense requires requires Windows 10 Pro or Enterprise.

[31] HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs.

[32] HP Sure Start Gen6 is available on select HP PCs.

[33] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[34] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[35] HP Sure Admin requires Windows 10, 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.

[36] Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 90 day free trial period. See visit [www.xerox.com/docusharego](http://www.xerox.com/docusharego) for details.

[38] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit <http://www.hp.com/go/cpc>. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

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