

HP ProBook 455 G8 Notebook PC (38Y67UT)



Modern design for today's workstyles

With a new compact design, the HP ProBook 455 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 over an 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 455 is enhanced with security and privacy features from the BIOS up.

Power that lasts

Power through your day with the latest AMD® Ryzen™ PRO processor[2] and high-performance memory. The HP ProBook 455 drives performance with long battery life and high-speed solid-state drives.

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]

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. [3]

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.

Specifications

| | |
|-----------------------------------|---|
| Operating system | Windows 10 Pro 64 |
| Product color | Pike silver aluminum |
| Processor family | AMD Ryzen™ 7 processor |
| Processor | AMD Ryzen™ 7 5800U (up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores) ^[6,7] |
| Memory | 16 GB DDR4-3200 SDRAM (2 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 512 GB PCIe® NVMe™ SSD |
| Optical drive | Not included |
| Graphics | Integrated |
| Graphics (integrated) | AMD Radeon™ Graphics |
| Display | 39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC |
| Display | 15.6" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC ^[12,13,14] |
| Display size (diagonal) | 39.6 cm (15.6") |
| Display size (diagonal) | 15.6" |
| Audio features | Dual stereo speakers, dual array microphones |
| Minimum dimensions (W x D x H) | 35.94 x 23.39 x 1.99 cm |
| Minimum dimensions (W x D x H) | 14.14 x 9.2 x 0.78 in |
| Weight | Starting at 1.74 kg (Weight will vary by configuration.) |
| Weight | Starting at 3.83 lb (Weight will vary by configuration.) |
| Keyboard | Spill-resistant, full-size, backlit keyboard with numeric keypad |
| Pointing device | Clickpad with multi-touch gesture support |
| Camera | 720p HD camera |
| Ports | 3 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power (HDMI cable sold separately.) |
| Expansion slots | 1 microSD (Supports SD, SDHC, SDXC.) |
| Wireless | Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo |
| Power | HP Smart 65 W External AC power adapter ^[28] |
| Battery type | HP Long Life 3-cell, 45 Wh Li-ion |
| Battery weight | 0.42 lb |
| Battery weight | 190 g |
| Management features | HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3; HP Client Management Script Library (download) ^[16,17] |
| Sustainable impact specifications | Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable |
| Security management | 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; Support for chassis padlocks and cable lock devices; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Admin ^[18,19,20,21,22,23,24,25,26,27] |
| Software included | HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; 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; HP Wireless Button Driver; Xerox® DocuShare® 30 day free trial offer ^[15,36] |
| Warranty | HP Services offers 3-year and 1-year limited warranties and 90 day software limited warranty options depending on country. 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. 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 . ^[29] |

Top Recommended Displays, Accessories and Services

P-Series

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|------------------------|---------|
| HP P24h G4 FHD Monitor | 7VH44AA |
|------------------------|---------|

Value Displays

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|---------------------------|---------|
| HP P224 21.5-inch Monitor | 5QG34AA |
| HP P244 23.8-inch Monitor | 5QG35AA |

Docking Stations

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

Cases

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

Backpacks

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| HP Prelude Pro Recycled Backpack | 1X644AA |
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Keyboard and Mouse Kits

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| HP Slim USB Keyboard and Mouse | T6T83AA |
|--------------------------------|---------|

Mice

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| HP Bluetooth Travel Mouse | 6SP30AA |
| HP 3-button USB Laser Mouse | H4B81AA |

Power Adapters

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| HP 65W USB-C Power Adapter | 1HE08AA |
|----------------------------|---------|

AC Adapters

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| HP AC Adapter | 1P3K6AA |
| HP 45W Smart AC Adapter | H6Y88AA |
| HP 65W Slim AC Adapter | H6Y82AA |

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 and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

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

[3] 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

[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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[12] HD content required to view HD images.

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

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

[15] HP Connection Optimizer requires Windows 10.

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

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

[18] 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/>

[19] 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™.

[20] Firmware TPM is version 2.0.

[21] HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

[22] Windows Defender Opt in and internet connection required for updates.

[23] 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.

[24] HP Sure Sense requires Windows 10.

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

[26] 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.

[27] HP Fingerprint Sensor is an optional feature and requires configuration at purchase.

[28] Availability may vary by country.

[29] 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/kpc>. 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.

[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 30 day free trial period. See visit www.xerox.com/docusharego for details.

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