

HP ProBook 455 G7 Notebook PC (3F642UT)



Business class power, affordably priced

Full-featured, thin, and light, the reliable HP ProBook 455 offers essential commercial features at an affordable price to every business. Automatic security solutions, powerful performance, and long battery life help keep your business productive.



HP recommends Windows 10 Pro for business

Ready to meet the demands of your day

Get through your deadline-driven, multi-tasking day using the HP ProBook 455, available 2nd Gen AMD Ryzen™ processor[3] and a long battery life.

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.

Proven reliability

The ultraslim HP ProBook 455 opens 180° and passed 19 MIL-STD 810H tests[4]. It features a durable and stylish aluminum cover that holds the near borderless display and a 3D forged aluminum keyboard deck.

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]

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. [2]

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. [5]

Specifications

| | |
|---------------------------------------|---|
| Operating system | Windows 10 Pro 64 |
| Product color | Pike silver aluminum |
| Processor family | AMD Ryzen™ APU processor |
| Processor | AMD Ryzen™ 5 4500U APU with Radeon™ Graphics (2.3 GHz base clock, up to 4 GHz max boost clock, 8 MB L3 cache, 6 cores) ^[6,7] |
| Memory | 8 GB DDR4-2400 SDRAM (2 x 4 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 256 GB PCIe® NVMe™ SSD |
| Optical drive | Not included |
| Graphics | Integrated |
| Graphics (integrated) | AMD Radeon™ Graphics |
| Display | 39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080) |
| Display | 15.6" diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080) |
| Display size (diagonal) | 39.6 cm (15.6") |
| Display size (diagonal) | 15.6" |
| Audio features | Stereo speakers, integrated microphone (mono or dual array) |
| Minimum dimensions (W x D x H) | 36.49 x 25.69 x 1.89 cm |
| Minimum dimensions (W x D x H) | 14.37 x 10.11 x 0.75 in |
| Weight | Starting at 2 kg (Weight will vary by configuration.) |
| Weight | Starting at 4.41 lb (Weight will vary by configuration.) |
| Keyboard | Full-size, spill-resistant, backlit keyboard with numeric keypad |
| Pointing device | Clickpad with multi-touch gesture support |
| Camera | 720p HD camera |
| Ports | 2 USB 3.1 Gen 1; 1 USB 3.1 Type-C® Gen 1 (Power delivery, DisplayPort™); 1 USB 2.0 (power port); 1 Stereo headphone/microphone combo jack; 1 RJ-45; 1 HDMI 1.4; 1 AC power (HDMI cable sold separately.) |
| Expansion slots | 1 SD (Supports SD, SDHC, SDXC.) |
| Wireless | Realtek 802.11ac (2x2) WLAN and Bluetooth® 5 Combo |
| Power | HP Smart 65 W External AC power adapter ^[27] |
| Battery type | HP Long Life 3-cell, 45 Wh Li-ion |
| Battery weight | 0.49 lb |
| Battery weight | 0.22 kg |
| Energy efficiency | ENERGY STAR® certified |
| Management features | HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3 ^[16,17] |
| Environmental | Low halogen; TCO 8.0 Certified |
| Security management | Absolute persistence module; HP DriveLock and Automatic DriveLock; Power-on authentication; 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 Client Security Gen5; HP Sure Sense; BIOS Update via Network; Master Boot Record Security; Support for chassis padlocks and cable lock devices ^[18,19,20,21,22,23,24,25,26] |
| Software included | HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately) ^[15] |
| UPC number | (ABA) 194850674525; (ABL) 194850675744 |
| Warranty | HP Services offers 3 year and 1 year limited warranties and 90 day support options depending on country. 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 . ^[28] |

Top Recommended Displays, Accessories and Services

P-Series

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|------------------------|---------|
| HP P27h G4 FHD Monitor | 7VH95AA |
|------------------------|---------|

Value Displays

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|---------------------------|---------|
| HP P224 21.5-inch Monitor | 5QG34A7 |
| HP P224 21.5-inch Monitor | 5QG34A8 |
| HP P224 21.5-inch Monitor | 5QG34AA |
| HP P224 21.5-inch Monitor | 5QG34U9 |
| HP P244 23.8-inch Monitor | 5QG35A7 |
| HP P244 23.8-inch Monitor | 5QG35A8 |
| HP P244 23.8-inch Monitor | 5QG35AA |
| HP P244 23.8-inch Monitor | 5QG35U9 |

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 Essential Backpack | H1D24AA |
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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 45W Smart AC Adapter | H6Y88AA |
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PC Locks

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|---------------------------|---------|
| HP Keyed Cable Lock 10 mm | T1A62AA |
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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] 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.

[3] 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.

[4] MIL STD 810H testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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

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.

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

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

[17] HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[18] 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 Software.

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

[20] 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).

[21] HP Sure Click is available on most HP PCs and 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.

[22] 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™.

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

[24] 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.

[25] HP Sure Sense requires Windows 10. See product specifications for availability.

[26] HP Fingerprint Reader sold separately or as an optional feature.

[27] Availability may vary by country.

[28] 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 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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