# HP ProBook 640 G8 Notebook PC (250C5EA)

## Modern design for the enterprise

The new modern design of the HP ProBook 640 brings style to the enterprise and delivers the performance, durability, security, and manageability required for a range of users and budgets.

HP recommends Windows 10 Pro for business

### Easy to carry where the day takes you
Confidently carry this durable laptop with you knowing it's built to last and made to travel. The slim yet durable HP ProBook 640 features an aluminum chassis, an 80-percent screen-to-body ratio, and a spill resistant keyboard.

### Powerful processing and graphics
Equipped with the latest Intel® processor[2], this globally available and serviceable PC drives performance with powerful graphics, fast memory, and long battery life.

### Work with peace of mind
Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

## 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]

### 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]

### 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. [3]

### 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.

## Specifications

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|---|---|
| Operating system | Windows 10 Pro 64 |
| Processor family | 11th Generation Intel® Core™ i5 processor |
| Processor | Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)[6,7] |
| Memory | 16 GB DDR4-3200 SDRAM (2 x 8 GB) |
| Memory Slots | 2 SODIMM |
| Internal Storage | 256 GB PCIe® NVMe™ SSD |
| Optical drive | Not included |
| Graphics | Integrated |
| Graphics (integrated) | Intel® UHD Graphics |
| Display | 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC |
| Display | 14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC[11,14,15,16] |
| Display size (diagonal) | 35.6 cm (14") |
| Display size (diagonal) | 14" |
| Audio features | Dual stereo speakers, dual array microphone |
| Minimum dimensions (W x D x H) | 32.19 x 21.39 x 1.99 cm |
| Minimum dimensions (W x D x H) | 12.67 x 8.42 x 0.78 in |
| Weight | Starting at 1.38 kg<br>*(Weight will vary by configuration.)* |
| Weight | Starting at 3.03 lb<br>*(Weight will vary by configuration.)* |
| Keyboard | Spill-resistant keyboard |
| Pointing device | Clickpad with multi-touch gesture support |
| Camera | 720p HD camera |
| Ports | 3 Super Speed USB Type-A 5Gbps signaling rate (1 charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™); 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power<br>*(HDMI cable sold separately.)* |
| Wireless | Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro® |
| Power | 45 W USB Type-C™ adapter[37] |
| Battery type | HP Long Life 3-cell, 45 Wh Li-ion |
| Management features | HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3[21,22] |
| Sustainable impact specifications | Low halogen; TCO 5.0 Certified |
| 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; 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[23,24,25,26,27,28,29,30,31,32,33,34,35,36,42] |
| Software included | 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[17,18] |
| UPC number | (ABB) 195697793929; (ABE) 195697087264; (ABU) 195697793912; (AKD) 195161637964; (AKQ) 195697793936; (B1R) 195697087271; (BED) 195697793943; (UUZ) 195161531620 |
| Warranty | HP Services offers 1-year or 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: http://www.hp.com/go/cpc.[38] |

## Top Recommended Displays, Accessories and Services

### E-Series

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|---|---|
| HP E24d G4 FHD Advanced Docking Monitor | 6PA50A8 |
| HP E24d G4 FHD Advanced Docking Monitor | 6PA50AA |
| HP E27d G4 QHD Advanced Docking Monitor | 6PA56A8 |
| HP E27d G4 QHD Advanced Docking Monitor | 6PA56AA |

### EliteDisplays

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|---|---|
| HP EliteDisplay E243 23.8-inch Monitor | 1FH47A8 |
| HP EliteDisplay E243 23.8-inch Monitor | 1FH47AA |

### Backpacks

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| HP Recycled Series 15.6-inch Backpack | 5KN28AA |
| HP 17.3 Business Backpack | 2SC67AA |

### Cases

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|---|---|
| HP Executive 15.6 Top Load | 6KD06AA |

### Keyboard and Mouse Kits

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| HP Wired Desktop 320MK Mouse and Keyboard | 9SR36AA |

### Mice

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| HP Bluetooth Travel Mouse | 6SP30AA |
| HP X4000b Bluetooth Mouse | H3T50AA |

### Power Adapters

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

### PC Locks

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|---|---|
| HP Sure Key Cable Lock | 6UW42AA |

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

[3] 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.

## 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. 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.

[11] 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.

[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