HP ProBook 640 G8 Notebook PC (320S0AW)

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

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]

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. [1]

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
Processor family	11th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-1145G7 (up to 4.4 GHz with Intel Turbo Boost Technology, 8 MB L3 cache, 4 cores)[6,7]
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SED SSD
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, 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 *(Weight will vary by configuration.)*
Weight	Starting at 3.03 lb *(Weight will vary by configuration.)*
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD camera
Ports	2 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.)*
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo
Power	HP Smart 65 W External AC power 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 Secure Erase; 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; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP Sure Admin; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7; NVMe DriveLock; Pre-Boot Security; BIOS update (Status) over Wi-Fi[23,24,25,26,27,28,29,30,31,32,33,34,35,42]
Software included	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; 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	(ABA) 195697473791; (ABL) 195697473821; (ABM) 195697473845; (AC4) 195697473814; (AC8) 195697473807; (ACH) 195697473852; (AKH) 195697473838
Manufacturer 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]

ProductSheet | HP ProBook 640 G8 Notebook PC (320S0AW)

Top Recommended Displays, Accessories and Services

E-Series

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

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

Docking Stations

HP USB-C Dock G5	26D32AA

Backpacks

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

Cases

HP Executive 15.6 Top Load	6KD06AA

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA

Mice

HP Bluetooth Travel Mouse	6SP30AA
HP X4000b Bluetooth Mouse	H3T50AA

Power Adapters

HP 65W USB-C Power Adapter	1HE08AA

AC Adapters

HP AC Adapter	1P3K6AA
HP 65W Slim AC Adapter	H6Y82AA
HP 65W Smart AC Adapter	H6Y89AA

PC Locks

HP Sure Key Cable Lock	6UW42AA

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.

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 Gen7 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 Gen4 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[34] HP Sure Recover Gen4 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.

[37] Availability may vary by country.