

## HP ProBook 640 G8 Notebook PC (3X9S2UT)



### 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 11 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.

#### **Protected by HP Wolf Security**

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.[7]

## Specifications

<b>Operating system</b>	Windows 10 Pro – free upgrade to Windows 11 when available <sup>[1]</sup> (This PC comes with Windows 10 and a free Windows 11 upgrade. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See <a href="https://aka.ms/windows11-spec">aka.ms/windows11-spec</a> .)
<b>Processor family</b>	11th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-1145G7 (2.6 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores, 8 threads) <sup>[6,7]</sup>
<b>Memory</b>	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB PCIe® NVMe™ SSD
<b>Optical drive</b>	Not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Iris® Xe Graphics
<b>Display</b>	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
<b>Display</b>	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC <sup>[11,14,15,16]</sup>
<b>Display size (diagonal)</b>	35.6 cm (14")
<b>Display size (diagonal)</b>	14"
<b>Audio</b>	Dual stereo speakers, dual array microphone
<b>Minimum dimensions (W x D x H)</b>	32.19 x 21.39 x 1.99 cm
<b>Minimum dimensions (W x D x H)</b>	12.67 x 8.42 x 0.78 in
<b>Weight</b>	Starting at 1.38 kg (Weight will vary by configuration.)
<b>Weight</b>	Starting at 3.03 lb (Weight will vary by configuration.)
<b>Keyboard</b>	HP Premium Keyboard – spill-resistant, backlit keyboard
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Camera</b>	720p HD privacy camera
<b>Ports</b>	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.)
<b>Package dimensions (W x D x H)</b>	6.9 x 48.3 x 30.5 cm
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo
<b>Power</b>	HP Smart 65 W External AC power adapter <sup>[37]</sup>
<b>Battery type</b>	HP Long Life 3-cell, 45 Wh Li-ion
<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 8.0 certified
<b>Security management</b>	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 <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; HP Power Manager; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications <sup>[17,18]</sup>
<b>Manufacturer Warranty</b>	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: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> . <sup>[38]</sup>

## Top Recommended Displays, Accessories and Services

### E-Series

HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E24 G4 FHD Monitor	9VF99AA

### Docking Stations

HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA
HP USB-C/A Universal Dock G2	5TW13AA

### Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	1X644AA
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### Cases

HP Renew Business 14.1-inch Laptop Bag	3E5F9AA
HP Prelude Pro Recycled Top Load	1X645AA

### Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
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### Mice

HP Bluetooth Travel Mouse	6SP30AA
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### AC Adapters

HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W Slim AC Adapter	H6Y82AA
HP 65W Smart AC Adapter	H6Y89AA

## Messaging Footnotes

[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.

[7] HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

## Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

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[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 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.

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