

HP ProBook 650 G5 Notebook PC (7LH81UT)



Everyday made special

The contemporary and purposeful design of the HP ProBook 650 compliments enterprise-grade performance, security, manageability all while working with today's technology and continuing to support connectivity to legacy devices.



HP recommends Windows 10 Pro.

Modern professional design

This PC is built for business. The HP ProBook 650 undergoes MIL-STD 810G testing[2] and has a striking silver finish with sharp lines that embody today's bold design.

High performance

Help speed up demanding business applications with an 8th Gen Intel® Core™ processor[3]. Help keep connected with HP Extended Range Wireless LAN.

Built on a secure foundation

Protect your PC against the evolving malware threats of the future, with self-healing and manageable hardware-enforced security solutions from HP. From the BIOS to the browser, HP Sure Start Gen5[7] and HP Sure Click[8] help secure your PC.

Specifications

Operating system	Windows 10 Pro 64
Processor family	8th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5 8365U processor with Intel® UHD Graphics 620 Graphics (1.6 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores) ^[6,7]
Memory	16 GB DDR4-2400 SDRAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 620
Display	15.6" diagonal FHD IPS anti-glare WLED-backlit touch screen, 250 nits, 45% NTSC (1920 x 1080) ^[11,12,16]
Display size (diagonal)	15.6"
Audio features	Dual stereo speakers, dual array microphone
Minimum dimensions (W x D x H)	37.7 x 25.7 x 2.39 cm (non-touch); 37.7 x 25.7 x 2.49 cm (touch)
Minimum dimensions (W x D x H)	14.85 x 10.12 x 0.95 in (non-touch); 14.85 x 10.12 x 0.99 in (touch)
Weight	Starting at 2.18 kg (non-touch); Starting at 2.4 kg (touch) (Weight will vary by configuration.)
Weight	Starting at 4.8 lb (non-touch); Starting at 5.29 lb (touch) (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 webcam
Ports	2 USB 3.1 Gen 1 (1 charging); 1 USB 3.1 Type-C™ Gen 1 (Power delivery, DisplayPort™); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4; 1 docking connector; 1 AC power; 1 VGA or Serial Port (Cables are not included.)
Expansion slots	1 microSD
Wireless	Intel® Dual Band Wireless-AC 9560 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, vPro™
Power	HP Smart 45 W External AC power adapter ^[34,35]
Battery type	HP Long Life 3-cell, 48 Wh Li-ion
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 ^[20,21]
Environmental	Low halogen; TCO 5.0 Certified
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Power-on authentication; Preboot authentication; Smart card reader; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense ^[22,23,24,25,26,27,28,29,30,31,40,42]
Software	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP JumpStart; HP Noise Cancellation Software; HP Support Assistant; Native Miracast support; Buy Office (Sold separately) ^[18,19]
Warranty	3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply. ^[36]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[2] MIL STD 810G testing is pending and 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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[3] Quad core processors are optional. 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 Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[8] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.

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 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] Sold separately or as an optional feature.

[12] HD content required to view HD images.

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

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

[19] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

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

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

[22] 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.

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

[24] HP Fingerprint Sensor sold separately or as an optional feature.

[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).re 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 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.

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

[29] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[30] 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.

[31] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[34] Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[35] Availability may vary by country.

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