

HP ProBook 650 G2 Notebook PC Specifications Table



Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor Family	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor ³
Available Processors	Intel® Core™ i7-6820HQ with Intel HD Graphics 530 (2.7 GHz, up to 3.6 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i7-6600U with Intel HD Graphics 520 (2.6 GHz, up to 3.4 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores) Intel® Core™ i5-6440HQ with Intel HD Graphics 530 (2.6 GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-6300U with Intel HD Graphics 520 (2.4 GHz, up to 3 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores) Intel® Core™ i5-6200U with Intel HD Graphics 520 (2.3 GHz, up to 2.8 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores) Intel® Core™ i3-6100U with Intel HD Graphics 520 (2.3 GHz, 3 MB cache, 2 cores) Intel® vPro™ Technology (select models) ^{3,4,22}
Chipset	Chipset is integrated with processor
Maximum Memory	16 GB DDR4-2133 SDRAM; 32 GB DDR4-2133 SDRAM ⁵ (Transfer rates up to 2133 MT/s. Both slots are customer accessible/upgradeable. Supports dual channel memory.)
Memory Slots	2 SODIMM
Internal Storage	1 TB SATA (5400 rpm) ⁶ 500 GB SATA (7200 rpm) ⁶ 500 GB SATA SED (7200 rpm) ⁶ 500 GB SATA FIPS 140-2 SED (7200 rpm) ⁶ 500 GB SATA SSHD ⁶ 128 GB up to 512 GB SATA TLC SSD ⁶ 180 GB up to 256 GB SATA MLC SSD ⁶ 256 GB M.2 PCIe SSD ⁶
Optical Drive	Blu-ray ROM DVD+/-RW SuperMulti DL; DVD+/-RW SuperMulti DL; DVD-ROM ⁷ (Option of no optical drive.)
Display¹²	15.6" diagonal HD SVA anti-glare slim LED-backlit (1366 x 768) 15.6" diagonal FHD SVA anti-glare slim LED-backlit (1920 x 1080) 15.6" diagonal FHD SVA slim LED-backlit touch screen (1920 x 1080)
Available Graphics	Integrated: Intel® HD Graphics 520; Intel® HD Graphics 530 Discrete: AMD Radeon™ R7 M365X (2 GB GDDR5 dedicated) (Discrete graphics available in Feb 2016.)
Audio	HD audio with DTS Studio Sound™; two integrated stereo speakers; Dual array microphones; Headphone and microphone combo jack ¹²
Wireless Technologies	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP hs3110 HSPA+ Mobile Broadband; Intel® 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 Combo; Broadcom 802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo; Broadcom 802.11b/g/n (1x1) WiFi and Bluetooth® 4.0 Combo; Realtek 802.11b/g/n (1x1) Wi-Fi; Near Field Communication (NFC) module (optional); Intel® Pro Wireless Display (WiDi Pro) ^{8,9,10,11} (Support for Miracast (Windows 8.1 and Windows 10))
Communications	Intel® Ethernet Connection I219-V; Intel® Ethernet Connection I219-LM
Expansion Slots	1 media card reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 USB 3.0; 1 USB 3.0 charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector; 1 serial (optional)
Audio	DTS Studio Sound™, dual speakers, dual array digital microphoneHD audio with DTS Studio Sound™; two integrated stereo speakers; Dual array microphones; Headphone and microphone combo jack ¹²
Input Device	HP Premium Spill-Resistant Keyboard; HP Premium Spill-Resistant Backlit Keyboard (optional); HP Premium Spill-Resistant Backlit Keyboard and Dual Point (optional); Touchpad with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch)
Camera	720p HD webcam (optional) ¹²
Available Software	HP Client Security; HP BIOSphere; HP Client Management Solutions; HP ePrint Driver; HP Mobile Connect Pro; HP Noise Reduction Software; HP Support Assistant ^{13,14,15,17,18,19}
Security Management	HP Client Security; HP BIOSphere; Optional Self-Encrypting or FIPS Certified Storage Drives; Security lock slot (lock must be purchased separately); TPM 1.2; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint reader (optional) ²⁰

Power	45 W Smart AC adapter; 65 W Smart AC adapter; 90 W Smart adapter HP Long Life 3-cell, 48 WHr Li-ion prismatic
Dimensions	14.88 x 10.11 x 1.07 in 37.8 x 25.7 x 2.74 cm
Weight	Starting at 5.1 lb Starting at 2.31 kg (Weight will vary by configuration.)
Environmental	Low halogen ²¹
Energy Efficiency Compliance	ENERGY STAR® certified configurations available

HP ProBook 650 G2 Notebook PC

Accessories and services (not included)

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Suqb5



The HP Adjustable Dual Display Stand allows you to use two displays to maximize your productivity and optimize efficiency. Either or both displays can be rotated to landscape or portrait orientation, and the stand is depth-, height-, tilt-, and angle-adjustable so you can view both screens at eye-level as well as slightly facing each other, letting you track multiple applications and information sources at the same time. Integrated base rollers let you rotate the stand so you can more easily share your work.
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or R.uwqi.ax Jygy5 mqs.y 4k6c



Designed to fit industry standard lock slot on most HP notebooks
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Comfortably carry your notebook and everyday accessories in the stylish and durable HP Business Top Load Case.
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Low-profile, long-life, and designed for comfort.
Here's the long-life wireless mouse that's so compact you can toss it in your carrying case without bulking out its profile, so power-smart it keeps up with your work day, and so comfortable you'll look for reasons to use it.
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or ® 3yqw 'yWu fCiabyii Eqg
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When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day1 Onsite Service with Accidental Damage Protection, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.
rww5C6u bCxsywA RmPUPn Mvkw F gyqw B.qvkwxijN RmP2™n Mvkw ® gyqw B.qvkwxij

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, software or BIOS update 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.microsoft.com>.
- ² Sold separately or as an optional feature.
- ³ 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 is not a measurement of higher performance.
- ⁴ Cortana experience may vary by device, region and requires Windows 10. Apps sold separately.
- ⁵ Skype for business subscription required.
- ⁶ HP BIOSphere features may vary depending on the PC platform and configurations.
- ⁷ MIL-STD 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. Damage under the MIL-STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.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 is not a measurement of higher performance.
- ³ Some vPro™ functionality, such as Intel® Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Microsoft Windows required.
- ⁴ Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- ⁵ For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 7, 8 and 10) is reserved for system recovery software.
- ⁶ Double-layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. Note that this drive cannot read or write to 2.6 GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials. With Blu-Ray, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this PC.
- ⁷ 802.11 wireless is an optional feature. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
- ⁸ WWAN is an optional feature and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.
- ⁹ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ¹⁰ Intel WiDi Pro support requires Intel vPro processor, Intel Graphics, and Intel 2x2 ac WLAN.
- ¹¹ HD content required to view HD images.
- ¹² HP Client Security requires Windows. Self Encrypting HDs (SEDs) are not supported if the encryption pin is enabled by the user.
- ¹³ HP BIOSphere features may vary depending on the PC platform & configuration.
- ¹⁴ HP Client Management Solutions are sold separately.
- ¹⁵ HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/businessmobileprinting).
- ¹⁶ HP Mobile Connect Pro local country plans are available in UK, Ireland, Belgium, Netherlands, Luxembourg and Fearless Roaming plans are available in Germany, France, Spain and Poland. Please visit <http://www.hp.com/go/mobileconnect>.
- ¹⁷ HP Support Assistant requires Windows.
- ¹⁸ This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the end of 2015 via HP Customer Support.
- ¹⁹ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ²⁰ Intel® Core™ i7-6820HQ and Intel® Core™ i5-6440HQ available Feb 2016
- ²¹ Intel® Core™ i7-6820HQ and Intel® Core™ i5-6440HQ available Feb 2016
- ²² Intel® Core™ i7-6820HQ and Intel® Core™ i5-6440HQ available Feb 2016

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