



HP 250 G8 Notebook PC

Budget friendly. Business ready.

Get connected with the HP 250 Laptop PC with powerful technology and a streamlined chassis that's easy to take everywhere you go. Complete business tasks with a 10th Gen or 11th Gen Intel® Core™ processor² and essential collaboration tools.



HP recommends Windows 10 Pro for business

Nice and light

- The HP 250 Laptop keeps up with mobile workstyles with a thin and light design. The beautiful display with its narrow border design and big screen-to-body-ratio provides ample space for work or streaming content.

Built for work and ready for fun

- Confidently complete projects with the latest technology including up to an 11th Gen Intel® Core™ processor² with optional GDDR5 memory³ or Intel® Optane™ memory⁴, and solid-state storage options.³

Well-connected

- This laptop is ready to connect to all your peripherals³ and is designed to fit the needs of business with a USB Type-C® data port, an RJ-45 port and an HDMI port.
- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro to protect you from today's security threats and maximize management and productivity features for business.¹
- Sometimes in life, only a face-to-face conversation will do. Thanks to the optional HP HD camera with wide dynamic range (WDR), you always come off looking your best during virtual conferences in bright and low light conditions.^{5,6}
- Get a fast and reliable connection in dense wireless environments with optional gigabit-speed Wi-Fi 6.^{7,8}
- Get the best of both worlds with dual storage options. Boot up and access apps faster with a high-speed solid-state drive and enjoy expansive storage for digital media with a high-capacity hard drive.⁹
- HP Noise Cancellation improves collaboration by applying industry-leading, noise-filtering technology to all inbound and outbound audio for effective online calls and meetings.
- The firmware Trusted Platform Module (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Get fast connections with Gigabit LAN, optional gigabit-speed Wi-Fi 6, and an optional WLAN 802.11ac/Bluetooth® 5.0 combo.^{5,7,8,10}

HP 250 G8 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ^{1,24} Windows 10 Pro 64 (National Academic only) ^{1,2,24} Windows 10 Home 64 ^{1,24} Windows 10 Home Single Language 64 ^{1,24} FreeDOS
Processor family ⁶	10th Generation Intel® Core™ i3 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i7 processor; Intel® Celeron® processor; Intel® Pentium® Gold processor; Intel® Pentium® Silver processor; 11th Generation Intel® Core™ i7 processor; 11th Generation Intel® Core™ i5 processor; 11th Generation Intel® Core™ i3 processor
Available Processors ^{3,4,5,6}	Intel® Celeron® N4020 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.8 GHz burst frequency, 4 MB L2 cache, 2 cores); Intel® Core™ i3-1005G1 with Intel® UHD Graphics (1.2 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 4 MB L3 cache, 2 cores); Intel® Core™ i3-1115G4 with Intel® UHD Graphics (3.0 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 2 cores); Intel® Core™ i5-1035G1 with Intel® UHD Graphics (1.0 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i7-1065G7 with Intel® Iris™ Plus Graphics (1.3 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Pentium® Silver N5030 with Intel® UHD Graphics 605 (1.1 GHz base frequency, up to 3.1 GHz burst frequency, 4 MB L2 cache, 4 cores); Intel® Pentium® Gold 7505 with Intel® UHD Graphics (2.0 GHz base frequency, up to 3.5 GHz burst frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i7-1165G7 with Intel® Iris® X ^e Graphics (2.8 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores); Intel® Core™ i5-1135G7 with Intel® Iris® X ^e Graphics (2.4 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
Display size (diagonal)	15.6 ^{14,16}
Maximum memory	16 GB DDR4-2666 SDRAM ⁷ Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	up to 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory H10 ^{8,9,10} up to 256 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 16 GB Intel® Optane™ memory H10 ^{8,9,10} 1 TB up to 2 TB 5400 rpm SATA with 16 GB Intel® Optane™ memory H10 ^{8,9,10} up to 1 TB 5400 rpm SATA with 256 GB PCIe® NVMe™ Value M.2 SSD ⁸ up to 1 TB 5400 rpm SATA with 128 GB M.2 SATA SSD TLC ⁸ 256 GB up to 1 TB PCIe® NVMe™ Value M.2 SSD ⁸ up to 512 GB PCIe® NVMe™ M.2 Value SSD TLC ⁸ 128 GB up to 256 GB M.2 SATA-3 SSD TLC ⁸ 500 GB up to 2 TB 5400 rpm SATA ⁸ up to 500 GB 7200 rpm SATA ⁸
Display	15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 15.6" diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC; 15.6" diagonal, HD (1366 x 768), micro-edge, anti-glare, 250 nits, 45% NTSC ^{14,16}
Available Graphics	Integrated: Intel® Iris® Plus Graphics; Intel® UHD Graphics; Intel® UHD Graphics 600; Intel® UHD Graphics 605; Intel® Iris® X ^e Graphics ¹⁴ Discrete: NVIDIA® GeForce® MX130 (2 GB DDR5 dedicated); NVIDIA® GeForce® MX330 (2 GB DDR5 dedicated); NVIDIA® GeForce® MX350 (2 GB DDR5 dedicated) ¹⁵ (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Stereo speakers, integrated digital microphone
Wireless technologies	(Compatible with Miracast-certified devices (models with Windows 10).)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	2 Super Speed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power (HDMI cable sold separately.)
Input devices	Full-size, textured keyboard with numeric keypad; Touchpad with multi-touch gesture support
Communications	Realtek RTL8111HSH-CG 10/100/1000 GbE NIC ¹³ Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo; Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®; Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo ;
Camera	HP True Vision 720p HD camera; VGA camera ¹⁴
Security management	TPM 2.0 ¹⁹
Fingerprint reader	Fingerprint reader not available
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter ²¹
Battery type	HP Long Life 3-cell, 41 Wh Li-ion
Battery life	Up to 8 hours ²⁰
Dimensions	35.8 x 24.2 x 1.99 cm
Weight	Starting at 1.74 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ²³
Warranty	HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. On-site service and extended coverage is also available. HP Care Pack Services are 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 .

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Accessories and services (not included)

HP Prelude Pro Recycled Backpack



Commute with a stylish and durable backpack thoughtfully designed with the environment in mind and made with recycled fabric¹. The HP Prelude Pro Recycled Backpack comes with safety features for your peace of mind when you carry your devices from work to home and beyond.

Product number: 1X644AA

HP Prelude Pro Recycled Top Load



Commute with a stylish and durable top load thoughtfully designed with the environment in mind and made with recycled fabric¹. The HP Prelude Pro Recycled Top load comes with safety features for your peace of mind when you carry your devices from work to home and beyond.

Product number: 1X645AA

HP USB-C/A Universal Dock G2



Get to work fast with one cable from your USB-A- and USB-C™-enabled notebooks¹ to your displays, devices, and wired network with the flexible, compact HP USB-C/A Universal Dock G2. The dock is driven by DisplayLink and compatible with notebooks from HP, Apple®, Dell, Lenovo, and more.²

Product number: 5TW13AA

HP Comfort Grip Wireless Mouse



The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks.

Product number: H2L63AA

HP 65W Smart AC Adapter



Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up.

Product number: H6Y89AA

HP Slim USB Keyboard and Mouse



Work smart and maximize your workspace with the stylish HP Slim USB Keyboard and Mouse, designed to complement the 2015 class of HP Business PCs.

Product number: T6T83AA

HP 3-year Travel Next Business Day Low End Notebook Only Hardware Support



HP Care Pack

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: UC909E

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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.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 Sold separately or as an optional feature.
- ⁴ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
- ⁵ Optional feature must be configured at purchase.
- ⁶ Internet connection required and sold separately.
- ⁷ 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 laptop to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
- ⁸ 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.
- ⁹ Based on internal testing of SSDs vs. HDDs.
- ¹⁰ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior 802.11 specs.

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.windows.com>.
- ² Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- 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, branding and/or naming is not a measurement of higher performance.
- ⁴ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ⁵ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
- ⁶ In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ⁷ Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- ⁸ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- ⁹ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
- ¹⁰ Intel® Optane™ memory H10 only for Intel® PCIe® NVMe™ QLC M.2 SSD.
- ¹¹ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior 802.11 specs.
- ¹² Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ¹³ The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- ¹⁴ HD content required to view HD images.
- ¹⁵ Integrated graphics depends on processor. NVIDIA® Optimus™ technology requires an Intel processor, plus an NVIDIA® GeForce® discrete graphics configuration and is available on Windows 10 Pro OS. With NVIDIA® Optimus™ technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
- ¹⁶ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁷ HP Support Assistant requires Windows and Internet access.
- ¹⁸ 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See [WWW.McAfee.com](http://www.McAfee.com) for more details.
- ¹⁹ Firmware TPM is version 2.0, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- ²⁰ Windows 10 MM18 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.
- ²¹ Availability may vary by country.
- ²² HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/pc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- ²³ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ²⁴ HP tested Windows 10, version 1809 on this platform. For testing information on newer versions of Windows 10, please see <https://support.hp.com/document/c05195282>.
- ²⁵ Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 90 day free trial period. See visit www.xerox.com/docusharego for details.

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