HP 250 15.6 inch G9 Notebook PC

Powered for business

The HP 250 G9 Laptop provides essential business-ready features in a thin and light design that's easy to take everywhere you go. The 15.6-inch diagonal display with big screen-to-body ratio[5], powerful Intel® processor[2], fast memory, and storage is powered for productivity, while the included ports connect your peripherals—all at a price you can value.

Nice and light

The HP 250 Laptop keeps up with mobile workstyles with a thin and light design. The optional 300-nit Full HD display[3,4] with its narrow border design and big screen-to-body-ratio[5] provides ample space for work or streaming content.

Built for work and ready for fun

Confidently complete projects with the latest technology including a powerful Intel® processor[2] with up to 32GB DDR4 memory[3], optional dual channel memory, dual storage, SD card reader, and solid-state storage.[3]

Be seen and heard with clarity

Connect with your team, whether they are in the next room, or miles away. The HD camera featuring temporal noise reduction helps you stand out, and AI-based noise reduction with dual-array mics provide a high-quality sound experience.

*Product image may differ from actual product

hp

HP 250 15.6 inch G9 Notebook PC

Featuring

Large screen-to-body display
Work with ease with the large 15.6-inch diagonal 300-nit panel display featuring low blue light that creates a better overall computing experience.[5]

Look your best, even in low light
Optimized for video calls in low-lighting conditions. The HD camera provides visual clarity, while temporal noise reduction lowers the effects of visual noise and pixelation, allowing increased definition so you can capture all the details.

Hassle-free connectivity
Get a fast and reliable connection in dense wireless environments with optional gigabit-speed Wi-Fi 6 and an optional WLAN 802.11ac/Bluetooth® 5.0 combo.[3,6,7,8]

Storage options
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.[3,9]

Crisp and clear collaboration
Get an effective online call and meeting experience with AI-based noise reduction and dual-array mics. AI-based noise reduction improves collaboration by applying industry-leading, noise-filtering technology to all inbound and outbound audio.

Tested for reliability and durability
Passed MIL-STD 810 testing for hardware and systems to help ensure your HP laptop meets or exceeds HP durability standards.[10]

Hardened fingerprint authentication
Secure your laptop against hardware and malware threats with the match-on-host fingerprint sensor. Capture, secure, and store your biometric asset, while the host system protects the integrity and privacy of your fingerprint data.[3]

Help secure critical data
The Trusted Platform Module (TPM) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.[11]

All the right ports
Quickly connect to your wired network and peripherals in the office or at home with a USB Type-C® data port, an RJ-45, and HDMI ports.

Backlit keyboard
Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated backlit keyboard, you can type comfortably in more environments.[3]

HP 250 15.6 inch G9 Notebook PC

Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Pro Education[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 11 Home Single Language – HP recommends Windows 11 Pro for business[1,2] Windows 11 Home Education – HP recommends Windows 11 Pro for business[1] FreeDOS
Processor family[6]	Intel® Celeron® processor Intel® Pentium® Silver processor 12th Generation Intel® Core™ i5 processor 12th Generation Intel® Core™ i7 processor
Available Processors[3,4,5,30]	Intel® Pentium® Silver N6000 with Intel® UHD Graphics (up to 3.3 GHz burst frequency, 4 MB L3 cache, 4 cores, 4 threads) Intel® Celeron® N4500 with Intel® UHD Graphics (up to 2.8 GHz burst frequency, 4 MB L3 cache, 2 cores, 2 threads) Intel® Core™ i7-1260P (1.5 GHz E-core base frequency, 2.1 GHz P-core base frequency, up to 3.4 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 18 MB L3 cache, 4 P-cores and 8 E-cores, 16 threads) Intel® Core™ i5-1240P (1.3 GHz E-core base frequency, 1.2 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 8 E-cores, 16 threads) Intel® Core™ i7-1255U (1.2 GHz E-core base frequency, 1.7 GHz P-core base frequency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads) Intel® Core™ i5-1235U (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads) Intel® Core™ i3-1215U (0.9 GHz E-core base frequency, 1.2 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 10 MB L3 cache, 2 P-cores and 4 E-cores, 8 threads)
Maximum memory	32 GB DDR4-3200 MHz RAM; (Transfer rates up to 3200 MT/s.); [7] Dual channel support (select models)
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ Value M.2 SSD[8] up to 128 GB PCIe® NVMe™ M.2 Value SSD TLC[8] 500 GB up to 1 TB 5400 rpm SATA[8] up to 500 GB 7200 rpm SATA[8] up to 1 TB 5400 rpm SATA with 256 GB PCIe® NVMe™ Value M.2 SSD[8,30] up to 1 TB 5400 rpm SATA with 128 GB PCIe® M.2 SSD[8,30]
Display size (diagonal, metric)	39.6 cm (15.6")
Display[13,17,18]	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC; 39.6 cm (15.6") diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), narrow bezel, anti-glare, 250 nits, 45% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 100% sRGB
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xe Graphics[13,14] Discrete: NVIDIA® GeForce® MX550 (2 GB DDR6 dedicated)[15] (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Dual stereo speakers, dual array microphones
Ports and connectors	1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 AC power; 1 HDMI 1.4b; 1 stereo headphone/microphone combo jack; 1 RJ-45 ; (HDMI cable sold separately.)
Input devices	Full-size, textured, island-style keyboard with optional backlit[16]; Touchpad with multi-touch gesture support
Communications	(Compatible with Miracast-certified devices.); ; Realtek RTL8111HSH-CG 10/100/1000 GbE NIC[12] ; Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 wireless card; Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 wireless card; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card
Camera	720p HD camera with temporal noise reduction [13]
Software	Buy Office (Sold separately); HP Connection Optimizer[19]; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Audio Switch; myHP; HP Privacy Settings; HP QuickDrop; HP Smart Health; HP Smart; HP PC Hardware Diagnostics Windows
Security management	TPM 2.0; Express VPN (30 days free trial); McAfee Security (30 days free trial); LastPass password
Fingerprint reader	Fingerprint sensor (select models)

HP 250 15.6 inch G9 Notebook PC

Technical specifications

Management features	Touchpoint Customizer for Consumer
Memory card device	1 SD card reader
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[24]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion polymer[23]; Battery is internal and not replaceable by customer. Serviceable by warranty.
Dimensions	35.8 x 24.2 x 1.99 cm; 2.71 x 19.01 x 12 in 6.9 x 48.3 x 30.5 cm (Package)
Weight	Starting at 1.74 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® Silver registered in the U.S.[26]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	2% post-consumer recycled plastic; Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Recycled Plastic cushions[27,28,29]
Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP 250 15.6 inch G9 Notebook PC

Footnotes

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.

[3] Optional feature that must be configured at the time of purchase.

[4] Full high-definition (FHD) content required to view FHD images.

[5] Device features 81% screen-to-body ratio. Percent of active plus non-active viewing area to active viewing area plus border. Measured with lid vertical to the desk.

[6] 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.

[7] 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.

[8] Wireless access point and internet access required. Availability of public wireless access points limited. Wi-Fi 5 is backwards compatible with prior 802.11 specs.

[9] Based on internal testing of SSDs vs. HDDs.

[10] 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[11] Firmware TPM (TPM 2.0) is included. Discrete TPM (TPM 2.0) is available on select models and requires configuration at the time of purchase.

Specification 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 .

[2] This computer is preinstalled with Windows 11 Home Single Language.

[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) is reserved for system recovery software.

[9] 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.

[10] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.

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

[12] 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.

[13] HD content required to view HD images.

[14] Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.

[16] Backlit keyboard is an optional feature.

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

[18] Sold separately or as an optional feature.

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

[20] 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).

[21] 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See www.McAfee.com for more details.

[22] HP Fingerprint sensor is an optional feature that must be configured at purchase.

[23] For new batteries, actual battery Watt-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-ion batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shelf life, temperature, environment, loaded apps, features, system configuration, and power settings.

[24] Availability may vary by country.

[25] 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/cpc. 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.

[26] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[27] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[28] Plastic cushions are made from >90% recycled plastic.

[29] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

[30] Intel® Pentium® and Celeron® processors do not support dual storage due to design limitation.

July 2024