HP 250R 15.6 inch G9 Notebook PC

Powered for business

Get connected with the value-priced HP 250R Laptop PC, featuring powerful technology and a streamlined chassis that's easy to take everywhere you go. Complete business tasks with the latest Intel® Core™ processor[2] and essential collaboration tools.

Nice and light

The HP 250R G9 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 81 percent 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[3], 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

Sustainability in action

Help protect our shared future

100 percent of HP PCs, workstations, and displays launched since 2022 contain recycled materials.[6]

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Featuring

Large, bright display
Work with ease with the large 15-inch 300-nit panel display featuring low blue light that creates a better overall computing experience.

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[7,8] and an optional WLAN 802.11ac/Bluetooth® 5.0 combo.[3,9]

Quick and stable SSD
Boot up and access apps fast with a high-speed solid-state drive. Efficient and reliable SSDs provide quick file transfers and a snappier experience every time you use your PC.

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

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

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

Help secure critical data
The Trusted Platform Module (TPM 2.0) 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® DisplayPort™ with power delivery, an RJ-45, and HDMI ports. Easily back-up and move data with the fast and convenient SD card slot.

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Technical specifications

Available Operating Systems	Windows 11 Pro[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] Windows 11 Home Education – HP recommends Windows 11 Pro for business[1] FreeDOS
Processor family	13th Generation Intel® Core™ i7 processor 13th Generation Intel® Core™ i5 processor 13th Generation Intel® Core™ i3 processor
Available Processors[2,3,4,5]	Intel® Core™ i5-1335U (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.4 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads) Intel® Core™ i3-1315U with Intel® UHD Graphics (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 4.5 GHz P-core Max Turbo frequency, 10 MB L3 cache, 2 P-cores and 4 E-cores, 8 threads) Intel® Core™ i5-1345U (1.2 GHz E-core base frequency, 1.6 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), supports Intel® vPro® Technology Intel® Core™ i5-1334U (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.4 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-core, 12 threads) Intel® Core™ 7 150U with Intel® Graphics (1.2 GHz E-core base frequency, 1.8 GHz P-core base frequency, up to 4 GHz E-core Max Turbo frequency, up to 5.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads) Intel® Core™ 5 120U with Intel® Graphics (0.9 GHz E-core base frequency, 1.4 GHz P-core base frequency, up to 3.8 GHz E-core Max Turbo frequency, up to 5 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads) Intel® Core™ 3 100U with Intel® Graphics (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 4.7 GHz P-core Max Turbo frequency, 10 MB L3 cache, 2 P-cores and 4 E-cores, 8 threads) Intel® Core™ 5 220U with Intel® Graphics (up to 3.8 GHz E-core Max Turbo frequency, up to 5 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 20 threads)
Maximum memory	32 GB DDR4-3200 SDRAM; (Transfer rates up to 3200 MT/s.) Slots are non customer accessible/upgradeable. Supports dual channel memory.[6]
Memory slots	2 SODIMM
Internal storage	128 GB up to 1 TB PCIe® NVMe™ M.2 SSD[7]
Display size (diagonal, metric)	39.6 cm (15.6")
Display[12,13,14,25]	39.6 cm (15.6") diagonal, HD (1366 x 768), micro-edge, anti-glare, 250 nits, 45% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 45% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, narrow bezel, anti-glare, 250 nits, 45% NTSC
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xᵉ Graphics[10,25] (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Dual stereo speakers, dual array microphones
Expansion slots	1 SD
Ports and connectors	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 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[11]; Touchpad with multi-touch gesture support
Communications	(Compatible with Miracast-certified devices.[11]); ; Realtek RTL8111HSH-CG 10/100/1000 GbE NIC[9] ; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card, non-vPro®; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (1x1) and Bluetooth® 5.3 wireless card
Camera	720p HD camera with temporal noise reduction (select models) [12]
Software	HP Connection Optimizer; HP PC Hardware Diagnostics UEFI; HP Support Assistant[15]; HP Audio Switch; myHP; HP Privacy Settings; HP QuickDrop; HP Smart Zero; HP PC Hardware Diagnostics; Buy Office
Security management	TPM 2.0; Express VPN (30 days free trial); McAfee Security (30 days free trial)[16]; LastPass password
Fingerprint reader	Fingerprint sensor (select models)

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Management features	Touchpoint Customizer for Consumer
Power	HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W USB Type-C® adapter[19]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion polymer[18]; Battery is internal and not replaceable by customer. Serviceable by warranty.
Dimensions	35.8 x 24.2 x 0.92 cm (front); 35.8 x 24.2 x 1.48 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.); 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® registered configurations available; TCO Certified configurations available; Taiwan Green Mark; Japan PC Green Label; KOECO; FEMP; EPEAT® Gold registered in the U.S.[20]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 2% post-consumer recycled plastic[21,22,23,24]
Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. 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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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] Based on products launched through August 2023.
[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.
[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.
[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.
[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] Discrete TPM 2.0 is included.

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] 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] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[5] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .
[6] 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.
[7] 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.
[8] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
[9] 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.
[10] 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.
[11] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[12] FHD/HD content required to view FHD/HD images.
[13] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[14] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[15] HP Support Assistant requires Windows and Internet access.
[16] 30-day McAfee® Security trial included. Internet access required and not included. Subscription required after expiration. See www.McAfee.com for more details.
[17] HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.
[18] 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.
[19] Availability may vary by country.
[20] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[21] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[22] Molded pulp cushions made from 100% recycled wood fiber and organic materials.
[23] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[24] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[25] Hardware acceleration for CODEC H.265/HEVC (High Efficiency Video Coding) is disabled on this platform, including the current configuration and alternate options.
[60] Depending on the version available for your device and the setting you select, HP Battery Health Manager (BHM) will use a proprietary set of algorithms to optimize battery health during the life of the battery. New Commercial Notebooks come equipped with BHM set to "Let HP Manage My Battery Health" as the default. This setting will reduce charge capacity over time to optimize battery health and mitigate factors that can accelerate battery degradation. As a result of this reduction, battery runtime will decrease over time as available charge capacity is reduced. HP may, at any time, update HP Battery Health Manger to improve available settings, functionality, and performance. Refurbished products may have customized default settings to optimize user experience. For additional information on updating or modifying HP Battery Health Manager settings, please go to HP.COM/SUPPORT/BATTERY .

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