HP 255R 15.6 inch G10 Notebook PC

Boost workflows with affordable AMD power and DDR5 efficiency

Support real business needs, at your desk or on the go, with an affordable business-grade laptop. Built with the latest features for productivity and reliability, including a powerful AMD CPU[2], 15.6" display, and up to 16GB[3] super-fast DDR5 memory.

Upgrade your workday with modern laptop power

Experience essential performance for everyday use and work anywhere with HP laptops. Featuring up to an AMD Ryzen™ R7 processor[2,3], up to 16GB[3] DDR5 RAM, and essential tools, these flexible and portable laptops provide a variety of options to help meet all business needs.

Tested for reliability and durability

Undergoes MIL-STD testing[4] for hardware and systems to help ensure your HP 255R 15.6 inch G10 Notebook meets or exceeds HP durability standards—helping reduce total cost of ownership.

Advanced Windows Enhanced Sign-in Security (ESS)

Ensure data remains protected and reduce the risk of data breaches and spoofing attacks with ESS.[5] Isolating biometric data and leveraging hardware and software features provides a robust, secure environment for biometric authentication.



*Product image may differ from actual product

Sustainability in action

Outer box packaging 100% sustainably sourced

Committed to sustainability, the EPEAT® Climate + Gold registered[7] in the U.S. and TCO certified HP 255R G10 laptop uses 100 percent sustainably sourced and recyclable outer box packaging.[6] Offered with a no adapter option to reduce e-waste.

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Featuring

HP recommends Windows 11 Pro for business
Work anywhere without compromising on performance with Windows 11[1] and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.[9]

Ready to meet the demands of your day
Get through your deadline-driven, multi-tasking day using up to an AMD Ryzen™ R7 processor[2,3] with a perfect combination of performance, power consumption, and value.

Look your best, even in low light
The optional FHD[3] camera provides visual clarity, while temporal noise reduction improves video quality in low-light settings and 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[3,10,11] or an optional WLAN 802.11ax and Bluetooth® combo.[3,10,12]

Preserve your privacy
Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera[13], with a physical shutter to protect from malicious surveillance.

Agile performance
Quickly access and transfer data to keep up with today's changing business requirements with up to 16GB[3] advanced DDR5 memory.

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) provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.[14]

The latest connectivity
Charge and transfer data to and from USB-C® devices and accessories. The multi-function USB-C® port with fast-charging power delivery can eliminate the need for a power adapter, saving both time and money.[15]

Spill-resistant keyboard
Resist dust and spills and protect your investment with a keyboard that features an extra layer of protection under the keys.[16]

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Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] FreeDOS
Processor family	AMD Ryzen™ 3 processor AMD Ryzen™ 5 processor AMD Ryzen™ 7 processor
Available Processors[2,3]	AMD Ryzen™ 7 7735U with Radeon™ Graphics (2.7 GHz base clock, up to 4.7 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 7535U with Radeon™ Graphics (2.9 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 3 7335U with Radeon™ Graphics (3.0 GHz base clock, up to 4.3 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Product colour	Turbo silver; Dark ash silver
Maximum memory	16 GB DDR5-4800 MT/s; (Transfer rates up to 4800 MT/s.) Slots are non customer accessible/upgradeable. Supports dual channel memory.[5]
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[6]
Display size (diagonal, metric)	39.6 cm (15.6")
Display[9,10,11,12]	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 300 nits, 45% NTSC; 39.6 cm (15.6") diagonal, HD (1366 x 768), SVA, narrow bezel, anti-glare, 250 nits, 45% NTSC; 39.6 cm (15.6") diagonal, FHD (1920 x 1080), SVA, narrow bezel, anti-glare, 300 nits, 45% NTSC
Available Graphics	Integrated: AMD Radeon™ Graphics
Audio	Dual stereo speakers, dual array microphones
Ports and connectors	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate; 1 AC power; 1 HDMI 1.4b; 1 stereo headphone/microphone combo jack ; (Cables are not included.)
Input devices	Full-size, textured, island-style keyboard with optional backlit[51]; Touchpad with multi-touch gesture support
Communications	(Compatible with Miracast-certified devices.); ; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card; Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card
Camera	720p HD camera with temporal noise reduction (select models); 1080p FHD camera with temporal noise reduction (select models)[9,10]
Software	McAfee Online Protection 30-day trial[16]; Buy Microsoft Office (sold separately); Dropbox Promotion; Adobe offer; HP Documentation; HP Privacy Settings; HP SSRM; HP Support Assistant[17]; HP Connection Optimizer; HP Touchpoint Customizer; HP PC Hardware Diagnostics UEFI; HP Setup Integrated OOBE; Bing search for IE11; HP Smart; HP System Event Utility; HSA Telemetry for Commercial; HSA Fusion for Commercial; Microsoft Push-Button Reset
Security management	HP BIOS Recovery

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Technical specifications

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; HP 65 W USB Type-C® Halogen-free adapter[15]
Battery type	HP Long Life 3-cell, 41 Wh Li-ion polymer[13];
Dimensions	35.98 x 23.6 x 1.17 cm (front); 35.98 x 23.6 x 1.57 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.); 6.9 x 48.3 x 30.5 cm (Package)
Weight	Starting at 1.66 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; EPEAT® Silver registered; EPEAT® Gold registered; TCO Certified[18]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Recycled plastic cushions; 2% post-consumer recycled plastic; Halogen-free[19]
Warranty	HP Services offers 1-year or 3-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. 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

[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] 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. AMD's numbering is not a measurement of clock speed.
[3] Optional feature that must be configured at the time of purchase.
[4] 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.
[5] ESS is enabled by default on Copilot+ PCs and requires compatible hardware and software components.
[6] 100% of HP paper-based packaging is from recycled or certified sustainable sources. HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for commercial, personal systems accessories, and spare parts is not included.
[7] EPEAT® status varies by country. Visit http://www.epeat.net for more information.
[9] Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .
[10] 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.
[11] 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.
[12] 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.
[14] 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.
[15] USB-C® cables sold separately and not included.
[16] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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. AMD's numbering is not a measurement of clock speed.
[3] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
[5] 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.
[6] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.
[7] 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.
[8] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[9] FHD/HD content required to view FHD/HD images.
[10] Sold separately or as an optional feature.
[11] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[12] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[13] 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.
[14] Recharges up to 50% within 45 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
[15] Availability may vary by country.
[16] 30-day McAfee® LiveSafe™ trial included. Internet access required and not included. Subscription required after expiration. See www.McAfee.com for more details.
[17] HP Support Assistant requires Windows and Internet access.
[18] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[19] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[21] Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .

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