ProductSheet

HP 255R 15.6 inch G10 Notebook PC (D66Z1AT)

Boost workflows with affordable AMD power and DDR5 efficiency

The HP 255R 15.6 inch G10 Notebook provides essential business-ready features in a thin and light design that's easy to take everywhere you go. This laptop is powered for productivity with a robust AMD processor[2], super-fast DDR5 memory, and storage options—all at a price you can value.

Upgraded modern laptop power
Experience a laptop for everyday use and work anywhere with a powerful AMD processor[2] and essential tools for business.

Reliability and durability tested
Undergoes MIL-STD testing[4] to help ensure your HP 255R Notebook meets or exceeds HP durability standards.

Enhanced Sign-in Security (ESS)
Ensure data protection and reduce the risk of breaches and spoofing attacks with ESS[5] for biometric authentication.

Featuring

Fast and efficient wireless LAN
The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [1]

Be your best virtual self
Sometimes in life, only a face-to-face conversation will do. Thanks to the HP HD camera with wide dynamic range (WDR), you always come off looking your best during virtual conferences in bright and low light conditions.

Look your best, even in low light
The optional FHD 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.

Specifications

Operating System Software	FreeDOS 3.0
Product Color Description (fixed)	Turbo silver
Processor Family	AMD Ryzen™ 5 processor
Processor Name	AMD Ryzen™ 5 7535U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)[6,7]
Standard Memory Description 01	16 GB DDR5-4800 MT/s (1 x 16 GB)
Memory Slots	2 SODIMM
Hard Drive Description (01)	512 GB PCIe® NVMe™ SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 660M Graphics
Display Description (metric)	39.6 cm (15.6") diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC
Display Description	15.6" diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC[9,10,11,12]
Audio Features	Dual stereo speakers, dual array microphones
Product Dimensions W x D x H (metric)	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.)*
Product Dimensions W x D x H (imperial)	14.17 x 9.29 x 0.46 in (front); 14.17 x 9.29 x 0.62 in (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.)*
Weight (metric)	Starting at 1.66 kg *(Weight will vary by configuration. Does not include power adapter.)*
Weight (imperial)	Starting at 3.66 lb *(Weight will vary by configuration. Does not include power adapter.)*
Package Dimensions W x D x H (metric)	6.9 x 48.3 x 30.5 cm
Package Dimensions W x D x H (imperial)	2.71 x 19.01 x 12 in
Keyboard	Full-size, flint opaque keyboard with numeric keypad
Pointing Device	Touchpad with multi-touch gesture support
Integrated Camera	720p HD camera with temporal noise reduction
External I/O Ports	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.)*
Wireless Technologies	Realtek Wi-Fi 6 RTL8852BE (2x2) and Bluetooth® 5.3 wireless card
Power Supply Required	HP Smart 45 W External AC power adapter[15]
Battery Type	HP Long Life 3-cell, 41 Wh Li-ion polymer
Battery Weight (imperial)	0.42 lb
Battery Weight (metric)	190 g
Sustainability Specifications	At least 2% post-consumer recycled plastic; Recycled plastic cushions; Low halogen; Outside box and corrugated cushions are made of 100% recycled or certified sources
UPC Number	821844052051
Manufacturer 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 .

Top Recommended Displays, Accessories and Services

Series 3 Pro	
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT
Wired Keyboards	
HP Wired Desktop 320K Keyboard	9SR37UT

Messaging Footnotes

[1] 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 PC to communicate with other 802.11ax devices. 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.

[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.

[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.

Technical Specifications Footnotes

[6] 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.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[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.

[15] Availability may vary by country.

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