

HP 200 G2Ri 16 inch Notebook AI PC

AI-ready power in a flexible device for business essentials

Support modern workflows across your growing business or classrooms with the HP 200 G2Ri 16-inch Notebook AI PC, offering AI-ready processing³, built-in collaboration tools, and flexible memory and storage upgrades in a scalable, big-screen design.

Slim, stunning, and cost-optimized design

Equip growing teams with the HP 200 G2Ri 16, infusing AI-ready power³ with sharp visuals on available 2.5K panel⁴ with 240Hz refresh rate⁵, AI noise reduction and Dynamic Voice Leveling in a streamlined, cost-effective profile.

Built to perform fast, adapt quickly, and scale smart

Built for speed and flexibility, this device supports up to 32GB DDR5 or LPDDR5 memory options⁴, AI-ready processors³ with up to 18 TOPS³, and optional high-speed Wi Fi 7^{6,7} to keep your business moving, adapting, and productive.

Designed for secure performance and lasting durability

Deliver dependable protection and endurance to help your data and your device stay secure with optional fingerprint sensor, discreet hardware-based TPM encryption, MIL-STD⁸ tested durability, and long battery life.



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

Designed with efficiency in mind, this PC is built to be EPEAT Climate+ Gold registered⁹ and ENERGY STAR[®] certified, with at least 80% recycled metal in the keyboard¹⁰ and packed using 100% sustainably sourced or recycled packaging.¹¹



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Featuring

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HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11¹ and HP collaboration, security, and connectivity technology.

Intel® multi-core processor

Get the perfect combination of power, snappy performance, and value for your HP 200 G2Ri 16. With an Intel® Core™ processor² featuring an up to 18 TOPS NPU³, optimize your workload with AI-ready intelligent technology.

Large screen-to-body display

Work with ease on the 16-inch diagonal 16:10 display. Choose from available WLED, OLED panel technology with optional low blue light and 500 nits of brightness^{4,5} creating a better viewing experience for everyday productivity.

Look your best, even in low light

The optional FHD+IR camera^{4,12} provides visual clarity, while temporal noise reduction improves video. Use Windows Hello¹³ to confirm your identity and unlock your PC, and a privacy shutter for additional security.

Fast and efficient Wi-Fi 7

Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 7.^{14,15}

Crisp and clear collaboration

Suppress background noise and prevent interruptions for effective online calls and meetings with HP AI Noise Reduction¹⁶, which improves collaboration by applying industry-leading, noise-filtering technology to inbound and outbound audio.

Reliability and durability

Undergoes MIL-STD 810¹⁷ testing for hardware and systems to help ensure your HP laptop meets or exceeds HP durability standards.

Confident input that just clicks

Comfort meets control with the expansive Microsoft Precision clickpad for fluid, multi-touch gestures. Match that with spill-resistant keys and an optional backlit keyboard⁴ for a smooth and durable typing experience.

Hardened fingerprint authentication

Secure your laptop against hardware and malware threats with available match-on-host fingerprint sensor.⁴ Capture, secure, and store your biometric asset, while the host system protects the integrity and privacy of your fingerprint data.

A setup that can expand with your workflow

Simplify your setup and effortlessly launch your device using dual USB-C® ports with Power Delivery and DisplayPort™, so you don't have to settle for just one screen. You can also attach additional peripherals with RJ45 or dual USB-A.

Power through with lasting battery life

Stay unplugged and on the move with an available 68Whr HP Long Life battery and 100W USB-C® quick charge adapter.⁴ Perfect for hybrid work, travel, and tackling tasks in the field. Now your productivity never has to take a pause.

Uplifting performance with expandable memory

Stay productive on the move with DDR5/LPDDR5 memory options up to 32GB⁴. Enjoy smooth and seamless multitasking and scalable, extended performance—perfect for mobile professionals on the move.



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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	Intel® Core™ Ultra 7 processor Intel® Core™ Ultra 5 processor Intel® Core™ 7 processor Intel® Core™ 5 processor Intel® Core™ 3 processor
Available Processors ^{2,3,4,5}	Intel® Core™ Ultra 5 225H (up to 4.9 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 14 cores, 14 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 NPU TOPS) Intel® Core™ Ultra 5 225U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) with Intel® Graphics and Intel® AI Boost (12 NPU TOPS) Intel® Core™ Ultra 5 235U (up to 4.9 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) with Intel® Arc™ Graphics and Intel® AI Boost (12 NPU TOPS) Intel® Core™ Ultra 7 255H (up to 5.1 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 16 threads) with Intel® Arc™ Graphics and Intel® AI Boost (13 NPU TOPS) Intel® Core™ Ultra 7 255U (up to 5.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) with Intel® Graphics and Intel® AI Boost (12 NPU TOPS) Intel® Core™ 7 350 (up to 4.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (17 NPU TOPS) Intel® Core™ 5 330 (up to 4.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (16 NPU TOPS) Intel® Core™ 5 320 (up to 4.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (16 NPU TOPS) Intel® Core™ 3 310 (up to 4.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 6 cores, 6 threads) with Intel® Graphics and Intel® AI Boost (15 NPU TOPS)
Neural Processing Unit	Intel® AI Boost
Product colour	Iron gray; Meteor silver; Dark meteor silver
Maximum memory	32 GB LPDDR5x-7467 MT/s; 32 GB DDR5-5600 MT/s; (Transfer rates up to 5600 MT/s.) Slots are non customer accessible/upgradeable. Supports dual channel memory (select models). ⁶
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁷
Display size (diagonal, metric)	40.6 cm (16")
Display ^{12,13,14}	16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB; 16" diagonal, 2.5K (2560 x 1600), IPS, anti-glare, 500 nits, low power, 100% sRGB with HP Eye Ease; 16" diagonal, WUXGA (1920 x 1200), OLED, IPS, BrightView, 300 nits, 95% DCI-P3 with HP Eye Ease 40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB; 40.6 cm (16") diagonal, 2.5K (2560 x 1600), IPS, anti-glare, 500 nits, low power, 100% sRGB with HP Eye Ease; 40.6 cm (16") diagonal, WUXGA (1920 x 1200), OLED, IPS, BrightView, 300 nits, 95% DCI-P3 with HP Eye Ease
Available Graphics	Integrated: Intel® Graphics; Intel® Arc™ Graphics ¹⁵ (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Dual stereo speakers, dual array microphones with AI noise reduction
Ports and connectors	1 HDMI 1.4b; 1 stereo headphone/microphone combo jack; 1 RJ-45; 1 nano security lock slot; 2 USB Type-A 5Gbps signaling rate (powered); 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); (HDMI cable sold separately.)
Input devices	Spill-resistant, optional backlit keyboard with numeric keypad ⁵¹ ; Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad
Communications	(Compatible with Miracast-certified devices. ¹⁰); ; Realtek RTL8111HSH-CG GbE ^{11,12} ; Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card; Realtek Wi-Fi 7 RTL8922AE-VS 802.11a/b/g/n/ax (2x2) and Bluetooth® 6 wireless card
Camera	FHD camera (select models); IR camera ¹²
Software	Buy Microsoft Office (sold separately) ²⁰ ; McAfee Online Protection 30-day trial; Dropbox Promotion; Adobe offer; HP Documentation; HP App ²¹ ; HP Privacy Settings; Microsoft Push-Button Reset; HP SSRM; HP Support Assistant ²² ; HP Connection Optimizer; HP PC Hardware Diagnostics Windows; HP Touchpoint Customizer; HP PC Hardware Diagnostics UEFI; HP Smart Support ²³ ; HSA Telemetry for Commercial; HSA Fusion for Commercial
Security management	Absolute Persistence Module ²⁴ ; HP Secure Erase ²⁵
Fingerprint reader	Fingerprint sensor (select models)



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Power	HP 65 W USB Type-C® GaN power adapter; HP 45 W USB Type-C® GaN power adapter; HP 65 W wall mount USB Type-C® GaN Halogen-free power adapter; HP 100 W wall mount USB Type-C® GaN Halogen-free power adapter ^{12,18}
Battery type	HP Long Life 3-cell, 41 Wh Li-ion polymer; HP Long Life 3-cell, 60 Wh Li-ion polymer ^{12,16} ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 45 minutes. ¹⁷
Dimensions	14.11 x 9.91 x 0.44 in (front); 14.11 x 9.91 x 0.6 in (rear); 35.86 x 25.18 x 1.12 cm (front); 35.86 x 25.18 x 1.53 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.) ⁵² ; Maximum Height: 0.74 in; 1.89 cm
Weight	Starting at 3.79 lb; Starting at 1.72 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	TCO Certified configurations available; EPEAT Gold registered ¹⁹
Energy star certified	ENERGY STAR® certified
Certification and compliance	FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low Blue Light; WW RoHS; MIL-STD 810H
Warranty	1-year warranty 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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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 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.

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³ Features and software that require an NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

⁴ Optional feature that must be configured at the time of purchase.

⁵ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁶ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

⁷ Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

⁸ 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.

⁹ EPEAT tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.

¹⁰ . Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

¹¹ 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 print, industrial, and 3D products, scanners, personal systems accessories, and spare parts is not included.

¹² Full high-definition (FHD) content required to view FHD images.

¹³ Requires Windows 10 and higher and set up of facial recognition through Windows Hello.

¹⁴ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

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¹⁶ Requires HP app and Windows OS.

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Specification Footnotes

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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 Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors.

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 32 GB is reserved for system recovery software.

⁸ Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. 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 Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11be) functionality requires compatible Windows OS, select processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported.

¹⁰ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

¹¹ 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.

¹² Optional feature that must be configured at the time of purchase.

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 Intel® ARC Graphics capabilities require system to be configured with Intel® Core™ Ultra 5 or Ultra 7 processors and dual channel memory. Single channel memory will only function as Intel® Graphics.

¹⁶ 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.

¹⁷ 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.

¹⁸ Availability may vary by country.

¹⁹ Based on US EPEAT registration according to IEEE 1680.1-2018 EPEAT. EPEAT status varies by country. Visit <http://www.epeat.net> for more information.

²⁰ Microsoft 365 sold separately and requires Internet access for activation.

²¹ HP App with Multicamera support for Mini Desktop PC will only available on 13th processor and beyond.

²² HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant> .

²³ HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support> .

²⁴ Absolute Persistence firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/> .

²⁵ HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special.

²⁶ HP Fingerprint Sensor is an optional feature and requires configuration at purchase.

⁵¹ Backlit keyboard is an optional feature that must be configured at purchase.

⁵² Typical dimension. Actual dimension may vary +/- 0.5mm. Height may vary based on configuration. Maximum Height does not include Rubber feet. Actual maximum product height may vary between 1.53 cm (0.6 in) and 1.89 cm (0.74 in) depending on the configuration/model.

