ProductSheet
HP Laptop 17-cp2145ng (7P7M2EA)

A 17.3" laptop with a big vision for the future

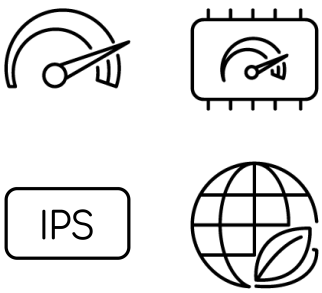
The HP 17.3" Laptop PC is purposefully designed, with the performance of an AMD Processor[2], fast Wi-Fi technology and abundant storage. Enjoy a more natural and comfortable typing position with the lift-hinge design and an enlarged clickpad. Plus, we've included sustainable materials like ocean-bound plastic and post-consumer recycled plastic[1] in the design.



Lift-hinge design for improved comfort
Enjoy flicker-free images[3] on a 17.3" screen, plus a lift-hinge that elevates your keyboard for more natural typing.

Performance you can trust with an AMD Processor
Multitask with ease thanks to the powerful AMD Processor[2], fast Wi-Fi technology and plenty of storage space.

Computing made easy with HP Fast Charge
With everyday easy features like an enlarged clickpad and HP Fast Charge[4], this laptop let's you do you.



Featuring

AMD Ryzen™ 5 Processor
Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks. [5]

AMD Radeon™ graphics
Whether it's games or movies, experience high performance for all your entertainment.

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing. [3]

Full HD display
Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension. [6]

Keyboard keycaps contain post-consumer recycled plastic
We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic. [7]

Specifications

Operating system	FreeDOS 3.0
Product color	Natural silver
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 7520U (up to 4.3 GHz max boost clock, 4 MB L3 cache, 4 cores, 8 threads)[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB LPDDR5-5500 MHz RAM (onboard)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Product design	Paint finish cover and base, vertical brushed In-mould roll keyboard frame
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)	43.9 cm (17.3")
Audio	Dual speakers
Minimum dimensions (W x D x H)	40.07 x 25.78 x 2.06 cm
Weight	2.07 kg
Keyboard	Full-size, natural silver keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support
Camera	HP True Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones
Ports	1 USB Type-C® 5Gbps signaling rate (supports data transfer only and does not support charging or external monitors); 2 USB Type-A 5Gbps signaling rate; 1 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo
Package dimensions (W x D x H)	6.9 x 59.8 x 34.5 cm
Package weight	2.96 kg
Wireless	Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 wireless card[14]
Power supply type	45 W Smart AC power adapter
Battery type	3-cell, 41 Wh Li-ion *([23])*
Battery life	Up to 7 hours and 15 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Battery weight	175 g
Special features	AMD Radeon FreeSync™ support[29]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps made with post-consumer recycled plastic
Security management	Trusted Platform Module (Firmware TPM) support
UPC number	197192872123
Manufacturer 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.

Top Recommended Displays, Accessories and Services

HP Home LCD Monitors	
HP V27c G5 FHD Curved Monitor	65P60AA
HP V27i G5 FHD Monitor	65P64AA
Mice	
HP 220 Wireless Mouse	258A1AA
HP Wireless Mouse 220	3FV66AA
Keyboard and Mouse Kits	
HP Pavilion Keyboard and Mouse 200	9DF28AA

Messaging Footnotes

[1] Laptops manufactured with ocean-bound plastic material in product speaker enclosures and keyboard keycaps contain post-consumer recycled plastic. Percent of recycled materials contained in each component varies by product.

[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] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[4] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.

[5] 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.

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

[7] Percentage of post-consumer recycled plastic contained in keycap varies by product.

Technical Specifications Footnotes

[3] Windows MobileMark 25 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See https://bapco.com/products/mobilemark-25/ for additional details.

[5] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.

[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.

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

[29] FreeSync™ is only available when it is connected on Display Port or HDMI port. FreeSync is an AMD technology is enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. Monitor, AMD Radeon™ Graphics and/or AMD A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display.

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