ProductSheet

HP Laptop 15-fd0038nc (C2FE4EA)

A reliably built laptop to keep you in the zone

The HP 15.6" Laptop PC empowers you to do more with the reliable power of an Intel® Processor[1], plus ample storage, and powerful graphics in a sleek, thoughtfully designed device. Created for wherever the day takes you and built with ocean-bound and post-consumer recycled plastics[2], it's easy to show some love for the planet.

Built to keep you connected to everyone

Made for collaboration with a HP True Vision Camera[3] with a privacy door, dual mics, and advanced noise-reduction.

Take on the day, every day

Face any day prepared with a dependable Intel® Processor[1], ample storage, fast connections, and plenty of memory.

Productivity at the speed of life $% \left\{ \left(1\right) \right\} =\left\{ \left($

This EPEAT® Gold Registered and ENERGY STAR® Certified device[4], delivers crisp quality on a 15.6" display.

Featuring

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way. ^[5]

A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want. ^[1]

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. $^{[6]}$

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. $^{[7]}$

Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.









Specifications

| Product Color Natural silver aluminum cover, natural silver base and keyboard frame Processor family 12th Generation Intel® Core® 17 processor Intel® Intel® Intel® Core® 17 processor Intel® Core® 17 processor Intel® Intel® Intel® Intel® Core® 17 processor Intel® Core® 17 processor Intel® Intel® Intel® Intel® Core® 17 processor Intel® Core® 17 B PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB) Internal Storage 1 TB PCIe® NVMe® 12 s B GB G | Operating system | Windows 11 Home |
|--|-----------------------------------|--|
| Processor family 12th Generation Intel® Core™ 17 processor Intel® Core™ 17-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) [6,37] Chipset Intel® integrated SoC Memory 16 GB DDR-4-2200 MT/s (2 x 8 GB) Internal Storage 11 B P Cle® NWe® M. 2 55D Product design Anodized cover finish, matte keyboard frame, textured base Graphics Integrated Intel® Int | <u> </u> | _ |
| Processor Intel® Core™ 17-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) (6.7) | Processor family | · · · · · · · · · · · · · · · · · · · |
| Memory 16 GB DDRa-3200 MT/s (2 x 8 GB) Internal Storage 1 TB PCIe® NUMe™ NZ SSD Product design Anodized cover finish, matte keyboard frame, textured base Graphics Integrated Graphics (Integrated) Intel® Iris® X® Graphics Display 39.6 cm (15.6°) diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB Display size (diagonal) 39.6 cm (15.6°) Display size (diagonal) 39.6 cm (15.6°) Display size (diagonal) 39.6 cm (15.6°) Display size (diagonal) 35.8 x 23.6 x 1.86 cm Dimensions (W x D x H) 35.98 x 23.6 x 1.86 cm Dimensions (W x D x H) 14.17 x 9.29 x 0.73 in Weight 1.59 kg Weight 3.52 lb Keyboard Full-size, backlit, soft grey keyboard with numeric keypad Pointing device HP Imagepad Camera HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones Ports 1USB Type-C**56pps signaling rate (supports data transfer only and does not support charging or external monitors); 2 USB Type-A*56pps signaling rate; 1 AC smart pin; 1 HDM 1.4b; 1 headphone/microphone combo Package dimensions (W x D x H)< | - | Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) |
| Internal Storage 1 TB PCIe® NVMe™ N.2 SSD Product design Anodized cover finish, matte keyboard frame, textured base Graphics Integrated Integrated Integrated Scraphics (Integrated) 39.6 cm (15.6°) diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB Display 15.6° diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB Display size (diagonal) 39.6 cm (15.6°) Display size (diagonal) 15.6° Audio Dual speakers Dimensions (W x Dx H) 35.98 x 23.6 x 1.86 cm Dimensions (W x Dx H) 35.98 x 23.6 x 1.86 cm Dimensions (W x Dx H) 14.17 x 9.29 x 0.73 in Weight 1.59 kg Weight 3.52 lb Keyboard Full-size, backlit, soft grey keyboard with numeric keypad Pointing device HP Imagepad Camera HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones Ports 10 SB Type-C*5 Cspbs signaling rate (supports data transfer only and does not support charging or external monitors): 2 USB Type-A Scbps signaling rate; 1 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo Package dimensions (W x Dx H) 6.9 x 52 x 30.5 cm Package weight 2.29 kg Wireless MediaTek Wi-Fi 6E MT7902 (1x1) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) (1.12.46) Power supply type 45 W Smart AC power adapter Battery type (1/23); Battery tife Up to 6 hours and 30 minutes (3) Battery tife Up to 6 hours and 30 minutes (3) Battery techarge time Supports battery fast charge: approximately 50% in 45 minutes (5) Battery techarge time Supports battery fast charge: approximately 50% in 45 minutes (5) Sustainable impact specification Cream-hound plastic in speaker enclosure(s); Recycled metal in cover; Keyboard keycaps and scissors contain post-consumer recycled plastic Socurity management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Offware - Productivity & finance 1 month trial for new Micr | Chipset | Intel® integrated SoC |
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| Package dimensions (W x D x H) 6.9 x 52 x 30.5 cm Package weight 2.29 kg Wireless MediaTek Wi-Fi 6E MT7902 (1x1) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) [11,12,46] Power supply type 45 W Smart AC power adapter 3-cell, 41 Wh Li-ion polymer ((23)) Battery life Up to 6 hours and 30 minutes [3] Battery recharge time Supports battery fast charge: approximately 50% in 45 minutes [5] Energy star certified ENERGY STAR® certified Sustainable impact specifications Cocean-bound plastic in speaker enclosure(s); Recycled metal in cover; Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support McAfee Online Protection 30-day trial Software - Productivity & finance Cloud service 25 GB Dropbox storage for 12 months [1] | Camera | HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones |
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| WirelessMediaTek Wi-Fi 6E MT7902 (1x1) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)Power supply type45 W Smart AC power adapterBattery type3-cell, 41 Wh Li-ion polymer ([23])Battery lifeUp to 6 hours and 30 minutesBattery recharge timeSupports battery fast charge: approximately 50% in 45 minutesEnergy star certifiedENERGY STAR® certifiedSustainable impact specificationsOcean-bound plastic in speaker enclosure(s); Recycled metal in cover; Keyboard keycaps and scissors contain post-consumer recycled plasticSecurity managementMic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) supportSoftware includedMcAfee Online Protection 30-day trialSoftware - Productivity & finance1 month trial for new Microsoft 365 customersCloud service25 GB Dropbox storage for 12 months | Package dimensions (W x D x H) | 6.9 x 52 x 30.5 cm |
| Power supply type 45 W Smart AC power adapter Battery type 3-cell, 41 Wh Li-ion polymer ([23]) Battery life Up to 6 hours and 30 minutes ^[3] Battery recharge time Supports battery fast charge: approximately 50% in 45 minutes ^[5] Energy star certified ENERGY STAR® certified Sustainable impact specifications consumer recycled plastic Ocean-bound plastic in speaker enclosure(s);Recycled metal in cover;Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Package weight | 2.29 kg |
| Battery type 3-cell, 41 Wh Li-ion polymer ([23]) Battery life | Wireless | MediaTek Wi-Fi 6E MT7902 (1x1) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) ^[11,12,46] |
| Battery life Up to 6 hours and 30 minutes ^[3] Battery recharge time Supports battery fast charge: approximately 50% in 45 minutes ^[5] Energy star certified ENERGY STAR® certified Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s); Recycled metal in cover; Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Power supply type | 45 W Smart AC power adapter |
| Battery recharge time Supports battery fast charge: approximately 50% in 45 minutes ^[5] Energy star certified ENERGY STAR® certified Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s);Recycled metal in cover;Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Battery type | |
| Energy star certified Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s); Recycled metal in cover; Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Battery life | Up to 6 hours and 30 minutes ^[3] |
| Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s);Recycled metal in cover;Keyboard keycaps and scissors contain post-consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Battery recharge time | Supports battery fast charge: approximately 50% in 45 minutes ^[5] |
| Consumer recycled plastic Security management Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers [24] Cloud service 25 GB Dropbox storage for 12 months [1] | Energy star certified | ENERGY STAR® certified |
| Software included McAfee Online Protection 30-day trial Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | Sustainable impact specifications | |
| Software - Productivity & finance 1 month trial for new Microsoft 365 customers ^[24] Cloud service 25 GB Dropbox storage for 12 months ^[1] | | Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support |
| Cloud service 25 GB Dropbox storage for 12 months ^[1] | Software included | McAfee Online Protection 30-day trial |
| | Software - Productivity & finance | 1 month trial for new Microsoft 365 customers ^[24] |
| UPC number 199485326672 | Cloud service | 25 GB Dropbox storage for 12 months ^[1] |
| | UPC number | 199485326672 |

ProductSheet | HP Laptop 15-fd0038nc (C2FE4EA)

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

- [1] 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. Intel's numbering is not a measurement of higher performance.
- [2] Ocean-bound plastic material in speaker housing, post-consumer recycled plastic in the keyboard scissors and keycaps. Percent of recycled materials contained in each component varies by product.
- [3] Features may require software or other 3rd party applications to provide the described functionality.
- [4] Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- [5] 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.
- [6] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- [7] Full high-definition (FHD) content is required to view FHD images.

Technical Specifications Footnotes

- [1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
- [3] 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, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). 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.
- [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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- [7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/for more information.
- [11] Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately.
- [12] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.
- [24] Must activate within 180 days of Windows activation.
- [46] Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

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