



HP Laptop 14-em0032nc (A47NGEA)



Overview

Big time powerful. Totally practical.

The HP 14" Laptop PC is built for when life gets real. The powerful AMD Processor[1] handles everything you throw at it from games to school. It's got plenty of storage and ports so you're always prepared, no matter where you are. Keep in touch with friends thanks to its Emoji key, high-res camera[2], vibrant resolution and dual microphones[3].



Performance that powers all-day

Face the day with a reliable AMD Processor[1], long battery life & HP Fast Charge, and fast wireless connections.



Reliably built with recycled materials

The HP 14" Laptop PC contains recycled plastics[5] and is EPEAT® Gold[6] Registered and ENERGY STAR® Certified.



Crystal-clear, vibrant images

All your content looks great thanks to the sleek design, vibrant display, and 84% screen-to-body ratio[4].

Features



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.^[7]



AMD Radeon™ graphics

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



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.^[9]



AMD Ryzen™ 3 Processor

A revolution in processor technology, this newly designed, ultra-efficient architecture delivers 4 cores, 4 thread performance to power through even the most processor intensive tasks.^[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.^[8]



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.

[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. AMD's numbering is not a measurement of clock speed.

[2] Features may require software or other 3rd party applications to provide the described functionality. Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.

[3] Internet access required and not included.

[4] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[5] Ocean-bound plastic material in product bezel and speaker housing, post-consumer recycled plastic in the keyboard scissors and keycaps. Percent of recycled materials contained in each component varies by product.

[6] 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.

[7] 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>.

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

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

Specifications

Operating system	Windows 11 Home
Product color	Natural silver
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 7320U (up to 4.1 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	256 GB PCIe® NVMe™ M.2 SSD
Product design	Matte paint cover and keyboard frame finish, textured base
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, low power, 45% NTSC
Display size (diagonal)	35.6 cm (14")
Audio	Dual speakers
Minimum dimensions (W x D x H)	32.37 x 21.5 x 1.79 cm (front); 32.37 x 21.5 x 3.25 cm (rear)
Weight	1.4 kg
Keyboard	Full-size, soft grey keyboard
Pointing device	HP Imagepad
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 48.3 x 30.5 cm
Package weight	2 kg
Wireless	Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card ^[11,12,13,46]
Power supply type	45 W Smart AC power adapter
Battery type	3-cell, 41 Wh Li-ion polymer (^[23])
Battery life	Up to 11 hours and 15 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Ecolabels	EPEAT® Gold registered ^[27]
Energy star certified	ENERGY STAR® certified

Special features	AMD FreeSync™ ^[29]
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) ^[22]
Software included	McAfee Online Protection 30-day trial; 1-month Adobe free trial offer
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	198415271716
Manufacturer Warranty	2 year (2/2/0) limited warranty includes 2 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information about HP	http://www.hp.com
Aspect ratio	16:9
Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 11 hours and 30 minutes
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.3
Brightness	300 nits
Camera brand	HP True Vision
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Natural silver
Color gamut	45% NTSC
Datasheet photo 1	AHID/7f09db7b923a5a74ed76e1c383833dd6561c9dc1
Datasheet photo 2	AHID/2049fdefc096de4a1bbbe5502753e6f8e43b94b9
Datasheet photo 3	AHID/fb1d6ee9e85ba7e161621d1ab5def8b900e78bb1
Datasheet photo 4	AHID/c10f01f4c208d2c27923b057b063d22d21d6ce60
Datasheet photo 5	Publication logos/HP_care_pack_RGB_black.png.png
Display	35.6 cm (14") diagonal FHD display
Display bezel	micro-edge
Display brightness	300
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	14
Display size (diagonal, metric)	35.6
Display size (diagonal, metric) uom	cm
Display surface treatment	Anti-glare

Flicker-free	Yes ^[45]
HDMI out – version	1.4b
HDMI –out	1
HP apps	HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; myHP
Headphone/microphone combo	1
Keyboard size	Full-size
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	onboard
Memory size	8
Memory size uom	GB
Memory speed	5500
Memory speed uom	MHz
Memory type	LPDDR5
Number of User-accessible Memory Slots	0
Package depth, imperial (most common size)	19.01
Package depth, imperial (smallest possible size)	17.67
Package depth, metric (most common size)	48.3
Package depth, metric (smallest possible size)	44.9
Package height, imperial (most common size)	12
Package height, imperial (smallest possible size)	12
Package height, metric (most common size)	30.5
Package height, metric (smallest possible size)	30.5
Package width, imperial (most common size)	2.71
Package width, imperial (smallest possible size)	2.71
Package width, metric (most common size)	6.9
Package width, metric (smallest possible size)	6.9
Packaging unit of measure (imperial)	in

Packaging unit of measure (metric)	cm
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	AMD
Processor cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	4.1
Processor maximum frequency uom	GHz
Processor model	7320U
Processor threads	8
Product brand name	HP
Product language options	#BCM
Product long name specifications V2	HP Laptop 14, Windows 11 Home, 14", AMD Ryzen™ 3, 8GB RAM, 256GB SSD, FHD, Natural silver
Screen-to-body ratio (without speakers)	84.01% ^[18]
Storage capacity	256
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Technology logo 1	Publication logos/flicker-free-logo.png
Technology logo 2	Publication logos/HP_Fast_Charge_RGB_blue.png

Technology logo 3	Publication logos/Epeat Gold Logo_PNG.png
Technology logo 4	Publication logos/Energy_Star_PNG.png
Technology logo 6	Publication logos/McAfee-TM-logo-red-rgb.png
Touchscreen	No
UNSPSC code	43211503
USB Type-A	2
USB Type-C	1
Wireless antenna	1x1
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek
Wireless transfer speeds	Supporting Gigabit data rate

[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] Windows MobileMark 18 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-2018-v1-5/> 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.

[11] 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.

[12] 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.

[13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[22] Reverting to LastPass basic after 30 days.

[24] Must activate within 180 days of Windows activation.

[27] 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.

[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.

[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

[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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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>.

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