Datasheet

HP ENVY All-in-One PC 27-b205na

Art of power

With sophisticated style and exceptional performance, the HP ENVY All-in-One transforms your work space into a gallery space. It combines sleek, modern design with cutting-edge power for a machine you won't just want to work on – you'll want to show off.



Artful style
Picture this: a 68.6 cm (27") diagonal floating glass Micro Edge display balanced perfectly on a thin metal stand. This stunning work of art brings modern grace and timeless elegance to your home.

Standout performance
With unique features like a pop-up privacy camera and mic, Intel® Core™ i5/i7 processor[1], and up to 16 GB of RAM, you can safely stream, play, and work beyond all expectations.

Front-row entertainment
With a QHD[2] and 4K[3] on select models, this touch screen display brings in the ultimate cinematic experience. Paired with HP quad speakers and audio by Bang & Olufsen, your home is at the forefront of entertainment.

[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] Quad HD content required to view full QHD images. [3] 4K content required to view full 4K images.

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Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better.

4K IPS display with optional touch
8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.

8th Generation Intel® Core™ processor
Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content or even create your own.

NVIDIA® GeForce® GTX 1050 graphics
Power a fast, smooth, energy efficient gaming experience that takes advantage of the latest DirectX® 12 and GeForce® features to deliver 1080p graphics on the latest games.

Rock-solid connections
Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2.

DDR4 RAM options
Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

Hard drive storage
Don't worry about growing your collection of digital movies, songs, and pictures. With massive storage options you can save it all, and still have plenty of room left over.[6]

PCIe SSD storage
Available in 256 GB PCIe-based flash storage is up to 17x faster than a traditional 5400 rpm laptop hard drive.[7]

Quad front-facing speakers
Pump up the volume to your favorite music, movie or game. When your audio is directed towards you, nothing comes between you and your entertainment.

Sound bar for incredible audio
Embedded in the sound bar, front-firing quad speakers direct sound toward you at a 45-degree angle for clear, loud audio. And the intuitive touch controls of the audio dial allow you to easily adjust the volume.

Technicolor Color Certified
Watch movies in true-to-life color on a device certified to meet the same strict standards for color precision as those used in Hollywood.

Floating glass display
The ultra-thin display, perfectly balanced on the nearly invisible stand, uses this visual tension to create the illusion of weightlessness. The clean, contemporary design hides the cords to complete the floating-glass effect.

HP TrueVision HD IR Camera
The infrared sensor gives you the added security of Windows Hello, for a safer way to log in to your computer. And get vibrant clarity when you're video chatting, even in low light.[18]

USB-C™ Thunderbolt™
Power your device, connect an external display, or transfer data at a blazing 40 Gb/s all from one impressive USB-C™ Thunderbolt™ port. And it's reversible, so you never have to worry about plugging in upside down.[19]

USB 3.0 connector
With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

[4] 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.
[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. Intel's numbering is not a measurement of higher performance. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.
[6] Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[7] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5400 rpm HDD.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i7-8700T (2.4 GHz, 6 cores)
Processor family: 8th Generation Intel® Core™ i7 processor
Chipset
Intel® H370
Memory
8 GB DDR4-2666 SDRAM (2 x 4 GB); Total slots: 2 SODIMM
Transfer rates up to 2666 MT/s.
Storage
2 TB 5400 rpm SATA
256 GB PCIe® NVMe™ M.2 SSD
Dropbox[1]
Graphics
Discrete: NVIDIA® GeForce® GTX 1050 (4 GB GDDR5 dedicated); Powered by NVIDIA® Pascal™ architecture
Audio
Bang & Olufsen, dual 8 W speakers
Display
68.6 cm (27") diagonal 4K IPS eDP anti-glare WLED-backlit touch screen (3840 x 2160)
Power
230 W external AC power adapter

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN
Wireless connectivity
802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2 combo
Ports
Rear: 4 USB 3.1; 1 HDMI-in 2.0; 1 HDMI-out 2.0; 1 RJ-45
Side: 1 headphone/microphone combo; 1 USB 3.1 Type-C™ (Thunderbolt™ 3)
3-in-1 memory card reader
Video connectors
1 HDMI-out 2.0 (with HDCP 2.2 support)
Webcam
HP Truevision FHD IR camera with dual array digital microphone

Design

Product Color
Ash silver sparkle

Software

HP Apps
HP Audio Switch; HP Display Control; HP JumpStart
Software
Netflix; 1 month trial for new Microsoft® Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 4DU47EA #ABU
UPC/EAN code: 193015049024
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
11 kg; Packed: 14.4 kg
Dimensions
61.5 x 19 x 45.67 cm; Packed: 74.2 x 23.6 x 60 cm
Warranty
1 year limited parts, labour, and pickup and return service.; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.
Included accessories
HP ENVY Wireless Keyboard
HP ENVY Wireless Mouse
Features
Tilt: -5° forward to 35° back

Recommended accessories*

* Not included.



HP USB-C to Multi-port Hub
1BG94AA



HP Stereo Headset H2800
2AP95AA

Warranty services*

3-year pickup and return
UC994E

[1] 25 GB of free online storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included. [2] McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

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