Datasheet

HP ENVY Notebook 13-ab005na

All power. No limits.

With the incredible performance of the latest 13" (33.8 cm) diagonal ENVY laptop, you don't have to treat challenges as roadblocks. Exceed boundaries and take on whatever comes next with powerful features and stunning design engineered to help you succeed.

Powered for excellence
With a high-performance Intel® Core™ processor[1], up to 10 hours of battery life[2], and lightning-fast solid state storage, there's nothing you can't handle.

Thin without limitation
This remarkable laptop is ready for your attention. With an edge-to-edge glass display, thin, all-metal body, and unique lift technology, it perfectly blends desirable features into a beautifully elevated design.

BANG & OLUFSEN

Raising the bar on entertainment
Experience a whole new world of entertainment. A gorgeous FHD or QHD+ (on select models) display[3], expert audio tuning by Bang & Olufsen and booming HP Audio Boost revolutionize your content.

HP Lounge, get closer to the Artists you love
With unlimited access to music and exclusive content for HP customers, there's no need to search for it, as it comes to you.[17]

epeat SILVER

ENERGY STAR

HP Fast Charge

McAfee LiveSafe

[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] 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-2014/ [3] Quad+ high-definition (QHD+) content is required to view full QHD+ images. [17] Unlimited access to Universal Music's portfolio for 12 months, free to HP customers. Internet access is required.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i7-7500U (2.7 GHz, up to 3.5 GHz, 4 MB cache, 2 cores)
Processor family: 7th Generation Intel® Core™ i7 processor
Memory
16 GB LPDDR3-1866 SDRAM (onboard)
Storage
1 TB PCIe® NVMe™ M.2 SSD
Dropbox[1]
Graphics
Integrated Intel® HD Graphics 620
Audio
Bang & Olufsen; Dual speakers
Display
33.8 cm (13.3") diagonal QHD+ IPS eDP BrightView WLED-backlit edge-to-edge glass (3200 x 1800)
Power
45 W AC power adapter
Battery Type
3-cell, 57.8 Wh Li-ion
Supports battery fast charge: 90% in 90 minutes
Target battery life
Up to 12 hours estimated battery time[3]

Connectivity

Wireless connectivity
Intel® 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
Ports
1 HDMI
1 headphone/microphone combo
2 USB 3.1 Gen 1 (1 HP Sleep and Charge)
1 USB 3.1 Type-C™ Gen 1
1 microSD media card reader
Webcam
HP TrueVision HD Camera with dual array digital microphone

Design

Product Color
Natural silver, aluminum

Software

HP Apps
HP Audio Switch; HP CoolSense; HP JumpStart; HP Lounge; HP Orbit
Software
CyberLink PowerDirector; Netflix; 1 month trial for new Microsoft® Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: Y7Y58EA #ABU
UPC/EAN code: 190780823699
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.43 kg
Dimensions
32.6 x 22.6 x 1.39 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.
Keyboard
Full-size island-style backlit keyboard
HP Imagepad with multi-touch gesture support
Security management
Kensington MicroSaver® lock slot; Trusted Platform Module (TPM) support

Compatible accessories*

* Not included.

HP 13.3 Black/Blue Neoprene Sleeve
V5C25AA

HP 2800 Stereo DF Blue Headset
W1Y20AA

HP Z3700 Silver Wireless Mouse
X7Q44AA

Warranty services*

3-year pickup and return
UM963E

HP Smart Friend 1 Month SVC
HG382E

[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.)[3] Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com for additional details.

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