

HP ENVY Notebook 17-ae051na



Powerfully designed. Beyond expectations.

Surpass the status-quo on a premium laptop that combines the cutting-edge performance you need; with the high-end design you want. Fearlessly tackle everything that comes your way with next-generation processors, an immersive 8 million pixel display and a daring aluminum design.



Tremendous power. Impeccable performance.

Keep your momentum going all-day long, with fast boot up and powerhouse speeds. Packed with up to 16GB RAM and Intel® Core™ i Processors^{1,2}, doing it all is now within reach.



A front row experience from anywhere

Whether you're watching a movie or editing a video, turn everything on screen into a spectacle with an 8 million pixel display, NVIDIA® GeForce® 940MX graphics card, and audio by Bang & Olufsen.



A design that demands attention

Beautifully crafted with an aluminum chassis, this design is all about high end style. Combine elegance and efficiency with a massive 43.9 cm (17.3") diagonal display, full-size keyboard, and all the ports you need.



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 Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.

Specifications

Performance

Operating System

Windows 10 Home 64

Processor

Intel® Core™ i7-7500U (2.7 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores)^{6,7}

Processor family: 7th Generation Intel® Core™ i7 processor

Memory

8 GB DDR4-2133 SDRAM (2 x 4 GB)

Storage

1 TB 7200 rpm SATA

128 GB M.2 SSD

DVD-Writer

Dropbox¹

Graphics

Discrete NVIDIA® GeForce® 940MX (2 GB DDR3 dedicated)

Audio

Bang & Olufsen; HP Audio Boost; Dual speakers

Display

43.9 cm (17.3") diagonal FHD IPS WLED-backlit (1920 x 1080)

Power

65 W AC power adapter

Battery Type

3-cell, 55.8 Wh Li-ion

Supports battery fast charge: approximately 90% in 90 minutes⁵

Target battery life

Up to 10 hours estimated battery time³

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 combo (MU-MIMO supported)

Ports

1 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, DP1.2, HP Sleep and Charge); 3

USB 3.1 Gen 1 (1 HP Sleep and Charge); 1 HDMI; 1 RJ-45; 1 headphone/microphone

combo

1 multi-format SD media card reader

Webcam

HP Wide Vision FHD IR Camera with dual array digital microphone

Design

Product Color

Natural silver; Aluminum cover finish

Software

HP Apps

HP Audio Switch; HP JumpStart; HP Sure Connect; HP CoolSense; HP Orbit

Software

Netflix; 1 month trial for new Microsoft® Office 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 1WQ07EAFAKE #ABU

UPC/EAN code: 191628305339

Energy Efficiency Compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

3.04 kg

Dimensions

41.6 x 28.3 x 2.33 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 with numeric keypad

HP Imagepad with multi-touch gesture support

Security management

Kensington MicroSaver® lock slot

Compatible accessories*

* Not included.

Warranty services*



¹ 25 GB of free online storage for one year 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.⁵ Recharges your battery up to 90% within 90 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 90% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP Spectre, HP Envy, HP Omen and HP Pavilion PC models. 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. Intel's numbering is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

