Datasheet

HP Pavilion Notebook 15-bc516na

Powerful laptop built to handle your most demanding tasks

Get ready to unleash your inner content-creating, media-craving, game-crushing potential, because this Pavilion Laptop was built to handle everything you've got. With turbocharged performance you can go from immersive streaming sessions to lag-free photo editing, and do it all from wherever you want.



Creation. Gaming. Bring it on.
Bring your biggest, boldest ideas to life or multi-task like a master with NVIDIA® GTX™ discrete graphics and a powerful Intel® Core™ processor.[1]

Love what you see
Whether you're editing videos, watching your favorite movie, touching up photos or just playing games, every detail pops on the vibrant FHD.[2]

Expand your digital collection
With massive storage, now you can download all your content right onto your laptop. Take your favorite software and collection of movies, music, and photos with you wherever you go.

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

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Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better.[2]

FHD IPS display
Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.[3]

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.

Micro Edge display
By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

PCIe SSD storage
Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.[4]

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

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.

HP Wide Vision HD Camera
The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.[5]

Full-size island-style keyboard with integrated numeric pad
The full-sized island-style keyboard with integrated numeric pad allows you to comfortably type and increase productivity with 1.5mm key travel.

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.[6]

Dropbox cloud storage
Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.[7]

Choose your color
Personalize your PC with your choice of color, for style that matches yours.[13]

Dual array microphone
With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.[14]

A truly powerful audio experience
With HP Audio Boost and audio custom-tuned in collaboration with the experts at B&O, experience rich, authentic audio. Let the sound move you.

[2] 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.
[3] Full high-definition (FHD) content is required to view FHD images.
[4] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
[5] Features may require software or other 3rd party applications to provide the described functionality.
[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] 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.
[13] Colors may vary by region.
[14] Internet access required and not included.

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Specifications

Performance

Operating system
Windows 10 Home 64

Processor
Intel® Core™ i5-9300H (2.4 GHz base frequency, up to 4.1 GHz base with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Processor family: 9th Generation Intel® Core™ i5 processor [6,7]

Chipset
Intel® HM370

Memory
8 GB DDR4-2666 SDRAM (1 x 8 GB)
Transfer rates up to 2666 MT/s.

Storage
512 GB PCIe® NVMe™ M.2 SSD
Optical drive not included
Dropbox[1]

Graphics
Discrete: NVIDIA® GeForce® GTX 1050 (3 GB GDDR5 dedicated) ;
Powered by NVIDIA® Pascal™ architecture

Audio
B&O, dual speakers, HP Audio Boost

Display
39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit (1920 x 1080)

Display Color Gamut
45% NTSC

Brightness(typical)
220 nits

Power
135 W AC power adapter;

Battery type
4-cell, 63.3 Wh Li-ion polymer;
266 g;

Battery and Power
Up to 12 hours[3];
Supports battery fast charge: approximately 50% in 45 minutes[5]

Maximum battery life video playback
Up to 10 hours and 30 minutes[10]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek 802.11b/g/n/a/ac (2x2) and Bluetooth® 4.2 combo
MU-MIMO supported; Miracast compatible

Ports
2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 USB 2.0 Type-A (Data Transfer Only); 1 RJ-45;
1 AC smart pin; 1 HDMI; 1 headphone/microphone combo
1 multi-format SD media card reader

Webcam
HP Wide Vision HD Camera with integrated dual array digital microphone

Design

Product color
Shadow black, green chrome logo
Vertical brushing keyboard frame pattern

Software

HP apps
HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Support Assistant

Software
1 month trial for new Microsoft Office 365 customers

Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 7QE24EA #ABU
UPC/EAN code: 193905670895

Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered

Weight
2.1 kg; Starting at 4.62 lb
Packed: 3.33 kg
Weight note (metric): Weight varies by configuration

Dimensions
38.24 x 25.25 x 2.45 cm;
Packed: 55.2 x 6.9 x 30.5 cm
Dimension note (metric): Dimensions vary by configuration

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 keyboard with numeric keypad
Touchpad with multi-touch gesture support

Security management
Kensington Mini Security slot™

Sensors
Accelerometer

Recommended accessories

* Not included.



HP ENVY Urban 39.62 cm (15.6") Backpack
3KJ72AA



HP Pavilion Gaming Headset 400
4BX31AA



HP Pavilion Gaming Mouse 300
4PH30AA

Warranty services*


PC Care pack

3-year pickup and return
U4819E

[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 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. 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.
[10] Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

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