Datasheet

HP Pavilion Power Notebook 15-cb023na

Powerful laptop built to handle your most demanding tasks

Every passion needs a centerpiece, and the Pavilion Power laptop was built for any trial you send its way. Driven by the latest technology and a massive amount of storage, your on-the-go workspace becomes your go-to launchpad for creating by day and kicking into high gear by night.



Creation. Gaming. Bring it on.
Features the latest Quad-core Intel® Core™ processor and NVIDIA® GTX™ graphics. With this power, you're ready to take on any activity from making digital art to conquering new worlds.[1]

Every move you make. Crystal clear.
Every detail pops with this FHD[2] or 4K[3] display (on select models) with IPS, so that photo editing is made simple and gaming becomes more lifelike than ever before.

A truly powerful audio experience
With Dual HP Speakers, HP Audio Boost, and custom tuning by the experts at B&O PLAY, you can experience rich, authentic audio. Let the sound move you.

Serious storage. Serious possibilities.
The more you make, the more storage you take. With SSD and HDD dual storage options, or up to a 2TB HDD[4], you can save all of your content directly on your laptop and bring it with you wherever you go.

HP CoolSense · Audio boost · HP Fast Charge

[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] Full high-definition (FHD) content is required to view full high-definition images. [3] 4K content is required to view 4K definition images. [4] For hard drives, GB = 1 billion bytes, TB=1 trillion bytes. Actual formatted capacity is less. Up to 30GB of hard drive is reserved for system recovery software.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i5-7300HQ (2.5 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)[6,7]
Processor family: 7th Generation Intel® Core™ i5 processor
Chipset
Intel® HM175
Memory
8 GB DDR4-2400 SDRAM (1 x 8 GB)
Transfer rates up to 2400 MT/s.
Storage
1 TB 7200 rpm SATA
128 GB PCIe® NVMe™ M.2 SSD
Dropbox[1]
Graphics
Discrete NVIDIA® GeForce® GTX 1050 (2 GB GDDR5 dedicated)
Audio
B&O PLAY; HP Audio Boost; Dual speakers
Display
39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit (1920 x 1080)
Power
150 W AC power adapter
Battery Type
4-cell, 70 Wh Li-ion
Supports battery fast charge: approximately 90% in 90 minutes[5]
Target battery life
Up to 14 hours estimated battery time[3]
Maximum battery life video playback
Up to 9 hours[3]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN
Wireless connectivity
Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
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 HD Camera with integrated dual array digital microphone

Design

Product Color
Shadow black cover and base, ghost white keyboard frame and logo; Vertical brushing keyboard frame pattern

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: 3CE06EA #ABU
UPC/EAN code: 192018854550
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
2.21 kg
Dimensions
37.8 x 25.22 x 2.41 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*

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 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.

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