OMEN by HP 15-dc1020nr (6QT88UA)

The best never rest

You've got places to go, plays to make, and power to proclaim. With the OMEN by HP 15 Laptop, you can play at your best from anywhere - without sacrificing performance. Keep moving and improving your skills on a compact, portable rig designed to deliver desktop-class graphics performance, total immersion, and easy upgradability.

Power designed to propel you forward
With NVIDIA® graphics, a high-performance Intel® Core™ processor, and an enhanced thermal solution - you've got the power to hone your skills anywhere.

Every last detail in your sight
Get lost in an immersive narrow bezel display with breathtaking resolution. A zoned backlit keyboard with 26-key rollover is strategically designed to accelerate your gaming reflexes.

Upgrade. Expand. Evolve.
The OMEN 15 Laptop is geared for easy upgrades and maintenance with single panel access to HDD, SSD, and RAM. Plus, take advantage of a generous port selection for your favorite accessories and external displays.

Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better. [1]

9th generation Intel® Core™ processor i7
Experience a breakthrough in processor performance that delivers incredible in-game experiences and enables crisp, simultaneous live-streaming. Edit and render pure 4K quality, and stream only the best content.

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. [2]

An exceptionally rich audio experience
With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

PCIe SSD storage
Available in capacities up to 256 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive. [3]

Specifications

Operating system	Windows 10 Home 64
Product color	Shadow black
Processor family	9th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-9750H (2.6 GHz base frequency, up to 4.5 GHz base with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)[6,7]
Chipset	Intel® HM370
Memory	8 GB DDR4-2666 SDRAM (2 x 4 GB)
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Product design	Carbon fiber cover pattern, sandblasted hairline keyboard frame finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	39.6 cm (15.6") diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
Display	15.6" diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Bang & Olufsen, dual speakers, HP Audio Boost, DTS Headphone:X™ support
Minimum dimensions (W x D x H)	36 x 26.3 x 2.6 cm *(Dimensions vary by configuration)*
Minimum dimensions (W x D x H)	14.17 x 10.35 x 1.02 in
Weight	2.32 kg *(Weight varies by configuration)*
Weight	5.12 lb
Keyboard	Full-size island-style dragon red legend 2-zone-lighting red backlit keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support
Input devices	Accelerometer
Webcam	HP Wide Vision HD Camera with integrated dual array digital microphone
Ports	1 USB 3.1 Gen 2 Type-C™ with Thunderbolt™ 3 (40 Gb/s signaling rate, DisplayPort™ 1.4, HP Sleep and Charge); 3 USB 3.1 Gen 1 Type-A; 1 RJ-45; 1 headphone/microphone combo; 1 microphone; 1 AC smart pin; 1 Mini DisplayPort™
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	52 x 6.9 x 30.5 cm
Package weight	3.95 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6 AX 200 (2x2) and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds)
Power supply type	200 W AC power adapter
Battery type	4-cell, 70 Wh Li-ion polymer
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Battery weight	7.83 oz
Battery weight	222 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Security management	Kensington Security Slot™
Software included	McAfee LiveSafe™
Software – Productivity & finance	1 month trial for new Microsoft Office 365 customers
Cloud service	Dropbox[1]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[1] 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.

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

[3] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

Technical Specifications Footnotes

[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.

[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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.