

# OMEN Laptop 17-an001 nia



## BE EVERYWHERE

When the competition is relentless, greatness is achieved by those heroes who rise to the occasion. Equipped with powerful hardware and an aggressive design, the OMEN Laptop takes mobile performance seriously, letting you conquer any challenge in-game from just about anywhere.



### Go on, turn up the settings

With this kind of power, they'll be running scared. Includes an Intel® Core™ processor<sup>1</sup> and NVIDIA® graphics. And with high performance cooling in your arsenal, you're ready to conquer even the most intensive AAA titles.



### Every last detail. In your sights.

A Dragon Red backlit keyboard with highlighted WASD, customizable macros, and 26-key rollover anti-ghosting, ensures every keystroke is detected. With a 1080p with 120 Hz refresh rate<sup>2</sup> display, combat without frustrating lag and image ghosting.



### Upgrade. Expand. Evolve.

Level up to the latest hardware and make upgrading a breeze with single panel access to internals. A Thunderbolt 3-certified USB-C™ port<sup>3</sup>, 3 USB Type A ports, and an HDMI port lets you easily adapt to all the action.

OMEN



<sup>1</sup> 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. <sup>2</sup> Full high-definition (FHD) content required to view FHD images. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>3</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

Specifications

Performance

**Operating System**

Windows 10 Home 64

**Processor**

Intel® Core™ i7-7700HQ (2.8 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)<sup>6,7</sup>

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

**Chipset**

Intel® HM175

**Memory**

16 GB DDR4-2400 SDRAM (2 x 8 GB)

**Storage**

2 TB 5400 rpm SATA

256 GB PCIe® NVMe™ M.2 SSD

Dropbox<sup>1</sup>

**Graphics**

Discrete NVIDIA® GeForce® GTX 1060 (6 GB GDDR5 dedicated)

**Audio**

Bang & Olufsen; HP Audio Boost; Dual speakers

**Display**

43.9 cm (17.3") diagonal FHD 120 Hz IPS anti-glare WLED-backlit (1920 x 1080)

**Power**

230 W AC power adapter

**Battery Type**

8-cell, 86 Wh Li-ion

Supports battery fast charge: approximately 90% in 90 minutes<sup>5</sup>

**Target battery life**

Up to 12 hours and 45 minutes estimated battery time<sup>3</sup>

**Maximum battery life video playback**

Up to 11 hours<sup>3</sup>

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 Thunderbolt™ 3 (Data Transfer up to 40 Gb/s, DP1.2, HP Sleep and Charge); 3 USB

3.1 Gen 1 (1 HP Sleep and Charge); 1 Mini DisplayPort™; 1 HDMI; 1 RJ-45; 1

headphone/microphone combo; 1 microphone-in

1 multi-format SD media card reader

**Webcam**

HP Wide Vision FHD IR Camera with integrated dual array digital microphone

Design

**Product Color**

Shadow black cover; Carbon fiber cover pattern, sandblasted hairline keyboard frame finish

Software

**HP Apps**

OMEN Control; HP Audio Switch; HP CoolSense; HP JumpStart; HP Sure Connect

**Software**

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

**Service & support**

McAfee LiveSafe™ 2

Additional information

**Part Number**

P/N: 2CM65EA #B10

UPC/EAN code: 191628314553

**Energy Efficiency Compliance**

ENERGY STAR® certified; EPEAT® Silver registered

**Weight**

3.78 kg

**Dimensions**

42.3 x 30.4 x 3.3 cm

**Warranty**

1 year limited parts, labour, and carry-in service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

**Keyboard**

Full-size island-style backlit keyboard with numeric keypad

Touchpad with multi-touch gesture support

**Features**

NVIDIA G-SYNC™ technology

**Security management**

Kensington MicroSaver® lock slot; Power-on password; Accepts third-party security lock devices

Compatible accessories\*

\* Not included.

Warranty services\*



<sup>1</sup> 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](http://www.dropbox.com). Internet service required and not included.<sup>2</sup> McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards).<sup>3</sup> 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](http://www.bapco.com) for additional details.<sup>4</sup> 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.<sup>5</sup> 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.<sup>6</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

