



## Ooh La Laptop

Behold the OMEN 15 gaming laptop, a lean, clean, playing machine powerful enough to hang with the big boxes and compact enough to take the game wherever your heart desires. Check out its big brains in an Intel® processor and NVIDIA® graphics card, stunning display, and near-eternal battery life. Take control of it all and make it your own in the OMEN Gaming Hub.



### Massively Little

Say hello to your little friend. This streamlined dream machine sports a speedy 11th Gen Intel® processor and NVIDIA® GeForce® graphics cooled by OMEN Tempest Cooling. Good gracious, good things do come in small packages.

### Find Yourself Getting Lost

This lean, mean, dreamy machine is easy on the eyes with a stunning and fast display and even easier on the ears with master-class Audio by Bang & Olufsen. Stay up all night gawking, or playing, with long battery life. Are we getting' smitten yet?

### Find the Perfect Settings

The OMEN 15 doesn't just stop at showstopping design and jaw-dropping specs appeal. With OMEN Gaming Hub, you can dial-in every element of your game. Plug and outplay with all the ports you'll ever need. Compared to other gaming laptops, there's no friend in sight.



### Featuring

#### NVIDIA® GeForce RTX™ 3060

The GeForce RTX™ 3060 lets you take on the latest games using the power of Ampere—NVIDIA's 2nd generation RTX architecture. Get incredible performance with enhanced Ray Tracing Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory.

#### 144 Hz FHD anti-glare display

Reduce frustrating lag and image ghosting with a display that combines a 144 Hz refresh rate and a 1080p resolution for smooth, crisp gameplay. <sup>[1]</sup>

#### Effortlessly connected

Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5. <sup>[2]</sup>

#### MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

#### 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. <sup>[3]</sup>

#### DTS: X® Ultra Technology

By producing authentic, spatially accurate 3D sound through any headset, this technology offers

## Specifications

<b>Operating system</b>	FreeDOS
<b>Product color</b>	Shadow black cover and base, shadow black aluminum keyboard frame
<b>Processor family</b>	10th Generation Intel® Core™ i7 processor
<b>Processor</b>	Intel® Core™ i7-10870H (2.2 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) <sup>[6,7]</sup>
<b>Memory</b>	16 GB DDR4-2933 MHz RAM (2 x 8 GB)
<b>Memory Slots</b>	2 SODIMM memory slots
<b>Internal Storage</b>	Two 512 GB PCIe® NVMe™ M.2 SSD
<b>Product design</b>	Metallic matte cover and base, anodized keyboard frame
<b>Optical drive</b>	Optical drive not included
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce RTX™ 3060 (6 GB GDDR6 dedicated)
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics
<b>Display</b>	39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, 7 ms response time, IPS, micro-edge, anti-glare, 300 nits, 72% NTSC
<b>Display</b>	15.6" diagonal, FHD (1920 x 1080), 144 Hz, 7 ms response time, IPS, micro-edge, anti-glare, 300 nits, 72% NTSC
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio features</b>	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost
<b>Minimum dimensions (W x D x H)</b>	35.79 x 23.97 x 2.29 cm <i>(Dimensions vary by configuration)</i>
<b>Minimum dimensions (W x D x H)</b>	14.09 x 9.44 x 0.9 in
<b>Weight</b>	Starting at 2.45 kg <i>(Weight varies by configuration)</i>
<b>Weight</b>	Starting at 5.4 lb
<b>Keyboard</b>	Full-size, 4-zone RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology
<b>Pointing device</b>	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
<b>Input devices</b>	IR Thermal sensor
<b>Webcam</b>	HP Wide Vision 720p HD camera with integrated dual array digital microphones
<b>Expansion slots</b>	1 multi-format SD media card reader
<b>Package dimensions (W x D x H)</b>	6.9 x 52 x 30.5 cm
<b>Package weight</b>	3.65 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)
<b>Power supply type</b>	200 W Smart AC power adapter
<b>Battery type</b>	6-cell, 70.9 Wh Li-ion polymer
<b>Battery life</b>	Up to 6 hours and 15 minutes <sup>[3]</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup>
<b>Battery weight</b>	0.59 lb
<b>Battery weight</b>	270 g
<b>UPC number</b>	195908507437

## Top Recommended Displays, Accessories and Services

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<b>Cases</b>	
OMEN Transceptor 17 Duffel Bag	7MT82AA

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<b>Covers</b>	
OMEN Transceptor 15 Sleeve	3J044AA
OMEN Transceptor Pouch	3J047AA

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<b>Mice</b>	
OMEN by HP Outpost Mousepad	6CM14AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Mouse Pad 300	1MY15AA
OMEN by HP Reactor Mouse	2VP02AA
OMEN Vector Mouse	8BC53AA
OMEN by HP Mouse Pad 100	1MY14AA

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<b>Keyboards</b>	
OMEN by HP Sequencer Keyboard	2VN99AA
OMEN by HP Encoder Keyboard	6YW76AA

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<b>Headsets</b>	
OMEN Blast Headset	1A858AA

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<b>Headphones</b>	
OMEN Dyad Earbuds	8JE67AA

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## Messaging Footnotes

- [1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- [2] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where the Wi-Fi 6 (802.11ax) will be disabled and downgraded to 802.11ac by the Intel's DRS solution.
- [3] Features may require software or other 3rd party applications to provide the described functionality.
- [5] Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume.
- [14] The Flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

## Technical Specifications Footnotes

- [3] Windows 10 MobileMark 18 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 <https://bapco.com/products/mobilemark-2018/> 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, branding and/or naming 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.

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