OMEN by HP Laptop 15-dh0000nx

Thin and light gaming powerhouse

Ultra-thin, ultra-light, and unbelievably powerful, the OMEN 15 Laptop proves that you don't have to sacrifice power for size. With high-performance graphics, processing power, and a blazing-fast refresh rate packed into a sleek design, this laptop lets you play like a pro and stay on-the-go. Designed to run any game you throw at it, get ready to crank up the settings.

Next-level power and performance

When it comes to raw power and performance, the OMEN 15 Laptop makes no compromises. With a 9th generation Intel® Core™ processor and NVIDIA® GeForce® graphics, feel free to crank up the settings everywhere you go.

Smooth, immersive visuals

Crisp gameplay is crucial if you want to play at your best. With a high resolution and blazing-fast refresh rate, on-screen visuals are swift and smooth, while a micro-edge bezel display delivers edge-to-edge immersion.

Slim design optimized for gaming

Experience a sleek, ultra-thin design engineered with gaming performance at the forefront. With an advanced thermal cooling solution and single-panel access to internals for easy upgradability, nothing stops you from playing at your best.

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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, branding and/or naming is not a measurement of higher performance.

2 All performance specifications represent the typical specifications provided by HP’s component manufacturers. Actual performance may vary either higher or lower.
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Featuring

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

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.

144Hz FHD anti-glare display
Reduce frustrating lag and image ghosting with a display that combines a 144Hz refresh rate, G-Sync support, and a 1080p resolution for smooth, crisp gameplay.³

DDR4 RAM options
Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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.⁴

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

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.

Mini DisplayPort
Get all the benefits of the robust DisplayPort on your most portable devices. Transmit audio and up to 4K video in stunning quality.⁶

Ethernet port
When you have a spotty wireless connection, you can quickly plug in your Ethernet cable to get a smooth, wired Internet experience that bypasses any wireless issue.

Advanced thermal management
The latest in heat management brings you an optimized thermal design and IR sensor, which keeps your laptop cool to touch without affecting sound quality.

Sleek design
Easily take this thin and light PC from room to room or on the road. When your PC goes wherever you go, staying productive and entertained has never been easier.

All metal chassis
See and feel a heightened sense of craftsmanship with an all-metal angular chassis design, polished accents, and high-quality materials built to last.

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.

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.

Single access panel
Quickly access your PC’s internals with the large, single panel on the bottom of the laptop. Held on by only a few screws, it’s easily removable for upgrading or maintenance.

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 All performance specifications represent the typical specifications provided by HP’s component manufacturers; actual performance may vary either higher or lower.
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 third party applications to provide the described functionality.
⁶ 4K content required to view 4K images.
### Specifications

#### Performance
- **Operating system**: Windows 10 Home 64
- **Processor**: Intel® Core™ i7-9750H (2.6 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)
- **Chipset**: Intel® HM370
- **Memory**: 16 GB DDR4-2666 SDRAM (2 x 8 GB)
- **Storage**: 256 GB PCIe® NVMe™ M.2 SSD
- **Graphics**: NVIDIA GeForce RTX 2060 Graphics (6 GB GDDR6 dedicated)
- **Battery type**: 6-cell, Li-ion polymer
- **Power**: 200 W AC power adapter
- **Weight**: 2.5 kg

#### Design
- **Product color**: Shadow black
- **Audio**: B&O; dual speakers; HP Audio Boost; Omen Audio Control

#### Connectivity
- **Network Interface**: Integrated 10/100/1000 GbE LAN
- **Wireless connectivity**: Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
- **Ports**: 2 USB 3.1 Gen 2 Type-C™ with Thunderbolt™ 3 (40 Gb/s signaling rate, DisplayPort™ 1.4, HP 3D DriveGuard); 3 USB 3.1 Gen 1 Type-A; 1 HDMI; 1 RJ-45; 1 headphone/microphone combo
- **Display**: 39.6 cm (15.6") diagonal FHD 144 Hz IPS anti-glare micro-edge WLED-backlit (1920 x 1080)

#### Power
- **Battery life**: Up to 10 hours
- **Dimensions**: 3.84 kg
- **Energy efficiency compliance**: ENERGY STAR® certified; EPEAT® Silver registered

#### Warranty services*
- **3-year return to depot**

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### Recommended accessories

- **OMEN by HP Mouse 600**
- **OMEN by HP Headset 800**
- **OMEN X by HP Transcender Backpack**

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*125 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.

*Battery life varies depending on power usage, usage patterns and features selected.

*Recharges your battery up to 50% capacity in 30 minutes. Charging time varies with 115-230 V AC to System. Available on select HP products. See http://www.hp.com for a full list of product features.

*Based on thomson brothers performance tests and compares to same HP, Dell, Lenovo and Acer products.

*Based on internal lab testing; performance may vary. For complete information, visit http://www.hp.com/energystar.

*16 GB DDR4-2666 SDRAM (2 x 8 GB).

*1 month trial for new Microsoft Office 365 customers.