

OMEN Laptop 15-en1010nr (3T0Z5UA)



Look as Good as Your Game

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 its fast AMD 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.



Contain Yourself

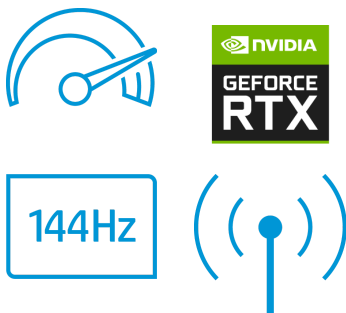
Say hello to your little friend. This streamlined dream machine sports a speedy AMD Ryzen™ 5000 series processor and NVIDIA® GeForce® graphics cooled by OMEN Tempest Cooling. Good gracious, good things do come in small packages.

Find Yourself Getting Lost

This lean, mean, dreamy machine is easy on the eyes with 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

Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way. ^[1]

AMD Ryzen™ 5000 H-Series Mobile Processors

Now you can enjoy elite gaming performance on a thin and light notebook with amazing battery life, thanks to the new AMD Ryzen™ 5000 H-Series Mobile Processors. Never compromise on your gaming laptop again. ^[2]

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. ^[3]

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. ^[4]

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. ^[5]

Specifications

Operating system	Windows 11 Home
Product color	Mica silver cover and base, mica silver aluminum keyboard frame
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 5800H (up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD
Product design	Matte cover and base, anodized keyboard frame
Optical drive	Optical drive not included
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 3060 Laptop GPU (6 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	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
Display	15.6" diagonal, FHD (1920 x 1080), 144 Hz, 7 ms response time, IPS, micro-edge, anti-glare, 300 nits, 72% NTSC
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	35.79 x 23.97 x 2.29 cm (Dimensions vary by configuration)
Minimum dimensions (W x D x H)	14.09 x 9.44 x 0.91 in
Weight	Starting at 2.46 kg (Weight varies by configuration)
Weight	Starting at 5.43 lb
Keyboard	Full-size, 4-zone RGB backlit, mica silver keyboard and 26-Key Rollover Anti-Ghosting Key technology
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Input devices	IR Thermal sensor
Camera	HP Wide Vision 720p HD camera with integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Mini DisplayPort™; 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo ^[19]
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 52 x 30.5 cm
Package weight	3.65 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)
Power supply type	200 W Smart AC power adapter
Battery type	6-cell, 70.9 Wh Li-ion polymer
Battery life	Up to 8 hours ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	0.59 lb
Battery weight	270 g
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Security management	Trusted Platform Module (Firmware TPM) support
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	195908469025

Top Recommended Displays, Accessories and Services

OMEN by HP Displays

OMEN 27i Monitor	8AC94AA
OMEN 27i Monitor	8AC95AA
OMEN 25i Gaming FHD Monitor	22J05AA
OMEN X 27 240Hz Gaming Monitor	6FN07AA

Cases

OMEN Transceptor 17 Duffel Bag	7MT82AA
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Covers

OMEN Transceptor 15 Sleeve	3J044AA
OMEN Transceptor Pouch	3J047AA

Mice

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

Keyboards

OMEN by HP Sequencer Keyboard	2VN99AA
OMEN by HP Encoder Keyboard	6YW76AA

Power Adapters

HP Pavilion High Power Adapter 150W	2DR33AA
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Headsets

OMEN Blast Headset	1A858AA
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Headphones

OMEN Dyad Earbuds	8JE67AA
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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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[2] 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. AMD's numbering is not a measurement of clock speed.

[3] ©2021 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, and GeForce RTX are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners.

[4] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[5] 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.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[3] Windows 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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[24] Must activate within 180 days of Windows activation.

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