



## Play past ordinary

The HyperX OMEN 15 delivers fast performance that pushes your gaming farther than ever. With NVIDIA® GeForce RTX™ 50 Series GPUs and Intel® Core™ CPUs [2], Unleashed Mode for manual overclocking, and with a single click on OMEN AI, you can maximize your FPS without the hassle.



### Performance on your terms

Performance made to keep you playing with NVIDIA® GeForce RTX™ GPUs and the latest Intel® Core™ CPUs [2].

### Never slow down

OMEN Tempest Cooling keeps you strong all day with dust-free internals and optimized airflow.

### Faster moves for when it matters

React fast in the heat of the game on a bigger screen that pulls you into the action.

## Featuring

### Get a fresh perspective

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]

### For every gamer, everywhere

Newly improved performance hybrid architecture will push your gaming experience beyond expectations. Intel® Core processors feature performance hybrid architecture that makes it easy to game, stream, and create at the same time [3]

### Game Changer

Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio. [4]

### Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time. [5]

### 3ms response time

How fast your display's pixels respond is crucial for a smooth picture. With a 3-millisecond response time, your action-filled content will look crisp and fluid without motion blur. [6]



## Specifications

<b>Operating System Software</b>	Windows 11 Home
<b>Product Color Description (fixed)</b>	Shadow black
<b>Product Design</b>	Polished paint finish
<b>Processor Family</b>	Intel® Core™ i5 14th generation processor
<b>Processor Name</b>	Intel® Core™ i5-14500HX (up to 4.9 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) [6,7]
<b>Chipset</b>	Intel® HM770
<b>Standard Memory Description 01</b>	16 GB DDR5-5600 MT/s (1 x 16 GB)
<b>Hard Drive Description (01)</b>	1 TB PCIe® Gen4 NVMe™ M.2 SSD
<b>Graphics Card Segment 01</b>	Integrated
<b>GScardseg 01 Available Card 01</b>	Intel® UHD Graphics
<b>Display Description (metric)</b>	38.9 cm (15.3") diagonal, 2.5K (2560 x 1600), up to 180 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 500 nits, 100% sRGB
<b>Display Description</b>	15.3" diagonal, 2.5K (2560 x 1600), up to 180 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 500 nits, 100% sRGB
<b>Screen-To-Body Ratio (without speakers)</b>	91% <sup>[18]</sup>
<b>Audio Features</b>	DTS:X® Ultra; Dual speakers; HP Audio Boost; HyperX
<b>Product Dimensions (metric)</b>	Starting at 34.3 x 25.3 x 2.25 cm (front); Starting at 34.3 x 25.3 x 2.36 cm (rear)
<b>Product Dimensions (imperial)</b>	Starting at 13.5 x 9.96 x 0.89 in (front); Starting at 13.5 x 9.96 x 0.93 in (rear)
<b>Weight (metric)</b>	Starting at 2.21 kg
<b>Package Dimensions (metric)</b>	6.3 x 56.7 x 33 cm
<b>Package Dimensions (imperial)</b>	2.48 x 22.32 x 12.99 in
<b>Package Weight (metric)</b>	3.77 kg
<b>Package Weight (imperial)</b>	8.33 lb
<b>Keyboard</b>	Full-size, 4-zone RGB backlit, shadow black keyboard with numeric keypad and 26-Key Rollover Anti-Ghosting Key technology
<b>Pointing Device</b>	HP Imagepad
<b>Camera</b>	1080p FHD camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones
<b>External I/O Ports</b>	2 USB Type-A 10Gbps signaling rate; 1 AC smart pin; 1 HDMI-out 2.1; 1 headphone/microphone combo; 1 RJ-45; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4, HP Sleep and Charge) <sup>[19,42]</sup>
<b>Expansion Slots</b>	2 M.2 (SSD)
<b>Network Interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless Technologies</b>	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card <sup>[12,46]</sup>
<b>Power Supply Type</b>	230 W AC power adapter
<b>Battery Type</b>	4-cell, 70 Wh Li-ion polymer ([23])
<b>Battery Recharge Time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>
<b>Sustainable Impact Specifications</b>	Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled plastic
<b>Security Management</b>	Trusted Platform Module (Firmware TPM) support
<b>Software Included</b>	McAfee Online Protection 30-day trial
<b>Software - Productivity &amp; Finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud Service</b>	100 GB Dropbox storage for 3 months <sup>[1]</sup>
<b>UPC Number</b>	199896333467

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, 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 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. Intel's numbering, branding and/or naming is not a measurement of higher performance. Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[3] 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 and Core are trademarks of Intel Corporation in the U.S. and other countries.

[4] ©2025 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.

[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details. Display measured diagonally

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

## Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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.

[5] Recharges your battery up to 50% within 30 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see <http://store.hp.com>). 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.

[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.

[12] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[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.

[42] For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.

[46] Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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