

# OMEN 35L Gaming Desktop GT16-0005nc PC (B9DY4EA)



## Take the key to your gaming performance

The OMEN 35L Gaming Desktop PC unlocks your performance potential. It features the latest Intel® Core™ Processor<sup>[1]</sup> and advanced graphics, with OMEN branded components optimized for peak thermal capabilities and power. Designed for easy tool-less upgradability and personalization to suit your gaming needs.

### Optimized for performance

Play to your highest potential with a design that is optimized for performance.

### Futureproof, tool-less design

Designed for upgradability with OMEN Components, expand and customize within an industry-standard form factor.

### Make it your own

Customize performance and aRGB options with OMEN Gaming Hub.

## 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.<sup>[6]</sup>

### Game without compromise. Go beyond performance with Intel Core and Intel Core Ultra Processors

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors.<sup>[7]</sup>

### Beyond Fast

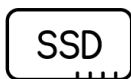
NVIDIA® GeForce RTX™ 40 Series GPUs are beyond fast. Powered by the NVIDIA Ada Lovelace architecture which delivers a leap in both performance and AI-powered graphics. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming.<sup>[8]</sup>

### PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 2 TB PCIe NVMe™ M.2 SSD storage.

### DTS Headphone: X Technology

By producing authentic, spatially accurate 3D sound through any headphones or earbuds, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible.<sup>[9]</sup>



## Specifications

<b>Form factor</b>	microATX
<b>Operating system</b>	Windows 11 Home
<b>Product color</b>	Black metal chassis, black metal bezel, black glass front cover, and clear side cover
<b>Processor family</b>	Intel® Core™ i7 14th generation processor
<b>Processor</b>	Intel® Core™ i7-14700F (up to 5.4 GHz with Intel® Turbo Boost Technology, 33 MB L3 cache, 20 cores, 28 threads) [6,7]
<b>Chipset</b>	Intel® Z790H
<b>Memory Slots</b>	4 DIMM
<b>Internal Storage</b>	2 TB PCIe® Gen4 NVMe™ Performance M.2 SSD
<b>Product design</b>	Powder coat
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated)
<b>Audio</b>	5.1 surround sound; OMEN Audio Control DTS Headphone:X™ support
<b>Dimensions (W x D x H)</b>	21 x 40.8 x 41 cm
<b>Dimensions (W x D x H)</b>	8.27 x 16.06 x 16.14 in
<b>Weight</b>	14.5 kg
<b>Weight</b>	31.97 lb
<b>Video connectors</b>	3 DisplayPort™; 1 HDMI
<b>Ports</b>	2 USB 2.0 Type-A; 1 headphone/microphone combo; 1 USB Type-C® 5Gbps signaling rate (HP Sleep and Charge) <sup>[19]</sup>
<b>Expansion slots</b>	1 PCIe x16; 1 PCIe x4; 3 M.2 (2 for SSD, 1 for WLAN)
<b>Ports</b>	1 USB Type-C® 10Gbps signaling rate; 1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 microphone; 1 RJ-45; 1 audio-in; 1 audio-out
<b>Package dimensions (W x D x H)</b>	59 x 33.2 x 58.3 cm
<b>Package weight</b>	18.5 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	Realtek Wi-Fi 6E RTL8852CE (2x2) and Bluetooth® 5.3 wireless card <sup>[12]</sup>
<b>Power supply type</b>	1000 W 80 Plus Gold certified ATX power supply
<b>Sustainable impact specifications</b>	Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Water based paint; 10% recycled metal; LDPE bag contains 30% recycled plastic
<b>Security management</b>	Kensington Security lock slot
<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>	25 GB Dropbox storage for 12 months <sup>[1]</sup>
<b>UPC number</b>	198990710624

## Top Recommended Displays, Accessories and Services

### OMEN by HP Displays

OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AA
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AS

### HyperX Cloud Wireless Headset SC

HyperX Cloud III Wireless - Gaming Headset	77Z46AA
HyperX Cloud III Wireless - Gaming Headset	77Z45AA

### HyperX Cloud Headsets SC

HyperX Cloud III - Gaming Headset (Black/Red)	727A9AA
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### HyperX Cloud Earbuds SC

HyperX Cloud Earbuds II RED	705L8AA
HyperX Cloud Earbuds II Black	70N24AA

### HyperX Cirro Buds SC

HyperX Cirro Buds Pro Black	727A5AA
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### HyperX USB Microphones

HyperX QuadCast S - USB Microphone (Black-Grey) - RGB Lighting	4P5P7AA
HyperX QuadCast - USB Microphone (Black-Red) - Red Lighting	4P5P6AA
HyperX QuadCast S - USB Microphone (White-Grey) - RGB Lighting	519P0AA

### HyperX Pulsefire Haste Mice SC

HyperX Pulsefire Haste 2 - Wireless Gaming Mouse (Black)	6N0B0AA
HyperX Pulsefire Haste 2 - Wireless Gaming Mouse (White)	6N0A9AA
HyperX Pulsefire Haste 2 - Gaming Mouse (Black)	6N0A7AA

### HyperX Alloy Origins Keyboards SC

HyperX Alloy Origins 60 - Mechanical Gaming Keyboard - HX Red (US Layout)	4P5N4AA
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### HyperX Alloy Rise SC

HyperX Alloy Rise 75 - Gaming Keyboards	7G7A4AA
HyperX Alloy Rise - Gaming Keyboards	7G7A3AA

## Messaging Footnotes

[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.

[6] 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>.

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

[8] ©2024 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.

[9] 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.

## 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.

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[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] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

[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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