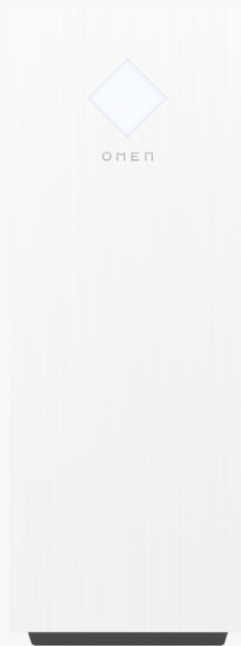# OMEN by HP 25L Gaming Desktop GT15-2021nj PC

The gaming PC for top-tier performance and customization

Look good and play even better with the OMEN by HP 25L Desktop PC. Experience incredible performance with an Intel® Processor[1] and dazzling graphics. Tailor this PC to your liking with tool-less access to internals and easy upgradability[2]. Your game never looked so good with a cutting-edge modern design and full controllable RGB lighting.

*Product image may differ from actual product

Powerful processor for action-packed gaming
Ready for peak performance with an Intel® Processor[1], dazzling graphics and a 120mm front fan for staying cool.

Customize with OMEN Gaming Hub
Personalize and upgrade to your liking with OMEN Gaming Hub plus tool-less access to internal components[2].

Show off your game in style
Enjoy a premium gaming experience with this modern DIY-class gaming tower, complete with full RGB control.

with OMEN NVIDIA GEFORCE RTX

OMEN by HP 25L Gaming Desktop GT15-2021nj PC

Featuring

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.[3]

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.[4]

DTS: X® Ultra Technology
By producing authentic, spatially accurate 3D sound through any headset, this technology offers specially tuned audio modes for different game types to provide immersion for the best entertainment experience possible.[5]

USB Type-A 5Gbps signaling data rate
Plug in your external storage with this USB Type-A port, featuring 5Gbps signaling data rate.[6]

USB Type-C® 10Gbps signaling rate only
Plug in your external storage with this USB-C™ port, featuring 10Gb/s signaling rate. And it's reversible, so you never have to worry about plugging in upside down.[7]

Dual channel memory
With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

Effortlessly connected
Enjoy ultra-fast gigabit data rate with a Wi-Fi 6 (2x2) and Bluetooth® 5.3 combo[8]

Sustainable design
Because little things make a big difference, this product includes sustainable materials like water-based paint in the design.[9]

Liquid cooling
Hassle-free thermal management quietly and efficiently draws heat away from high-performance processors, helping to protect sensitive components from heat overload.

Enjoy 1-month of high-quality games
Enjoy 1-month of unlimited access to over 100 high quality PC games. With games added all the time, you'll always have something new to play.[10]

OMEN Light Studio
Control RGB lighting effects for all your connected and supported devices through one app. OMEN Light Studio makes it easy to personalize lighting options using a variety of effects like ambient, wave, interactive and more.

Recommended accessories and services (not included)

OMEN by HP 25L Gaming Desktop GT15-2021nj PC

Specifications

Performance

Operating system
FreeDOS

Processor
Intel® Core™ i7-14700F (up to 5.4 GHz with Intel® Turbo Boost Technology, 33 MB L3 cache, 16 cores, 28 threads)[6,7]
Processor family: Intel® Core™ i7 14th generation processor

Memory
Kingston FURY 16 GB DDR5-5200 MHz XMP RGB Heatsink RAM (2 x 8 GB)
Transfer rates up to 5200 MT/s.
Memory slots: 4 DIMM
Maximum memory: Supports up to 128 GB max system memory

Storage
1 TB WD Black PCIe® Gen4 NVMe™ TLC M.2 SSD

Graphics
Discrete: NVIDIA® GeForce RTX™ 4070 (12 GB GDDR6X dedicated) ;

Audio
5.1 surround sound; Omen Audio Control Support DTS:X® Ultra

Display description
Display monitors sold separately. For more information please visit www.hp.com/eur/home-monitors

Power
600 W 80 Plus Gold certified ATX power supply;

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) [11,12,13,46]

Ports
Top:
2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 microphone
Rear:
1 USB Type-C® 10Gbps signaling rate; 1 USB Type-C® 5Gbps signaling rate; 4 USB 2.0 Type-A; 1 microphone; 1 RJ-45; 1 audio-in; 1 audio-out

Video connectors
1 HDMI 2.1;3 DisplayPort™

Expansion slots
1 PCIe x16; 3 M.2 (2 for SSD, 1 for WLAN)

Sustainability

Sustainable impact specifications
Water based paint[41]

Design

Product color
Snow white, glass side panel, dark chrome logo
Paint finish

Additional information

Part Number
P/N: 9W5X4EA #ABT
UPC/EAN code: 198122332250

Weight
13.81 kg;
Packed: 14.17 kg

Dimensions
16.5 x 39.61 x 44.8 cm;
Packed: 49.8 x 29.9 x 57 cm

Manufacturer Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Features
Liquid cooling solution for processor

OMEN by HP 25L Gaming Desktop GT15-2021nj PC

Footnotes

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.

[2] This device has been engineered for optimal performance. Upgrading the PC may affect warranty coverage.

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

[4] ©2023 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] 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.

[6] Actual throughput may vary.

[7] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

[8] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Requires a wireless router, sold separately, that supports 80MHz channels. 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.

[9] Percentage of water-based paint varies by product.

[10] 1 month trial offer for $1.00 - Promotional offers may be for new members only and/or not be valid for all members and are only available for a limited time. Offers not valid in Russia and Turkey; other geographic restrictions may apply. Credit card and Xbox account required. After promotional period, subscription automatically continues at the then-current regular price (subject to change), unless cancelled, plus applicable taxes. To stop being charged, cancel your subscription or turn off recurring billing in your Microsoft account (account.microsoft.com/services) or on your Xbox console, before the next billing date. For more details, see https://support.xbox.com/help/subscriptions-billing/manage-subscriptions/cancel-recurring-billing-or-subscription. Purchase of Xbox Game Pass Ultimate automatically upgrades your existing Xbox Live Gold, Xbox Game Pass (PC or Console), and/or EA Play membership(s) to Xbox Game Pass Ultimate at a conversion ratio each based on days remaining. Learn how this works at www.xbox.com/gamepass. See Microsoft https://www.xbox.com/en-US/legal/subscription-terms for more details.

Technical Specifications Footnotes

[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.

[11] 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.

[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.

[13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[41] Percentage of water based paint varies by product.

[46] Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

January 2024