# OMEN 25L Desktop GT12-1038nu PC (661R3EA)

## Ready When You Are

Behold your new best friend, your partner in play, your compadre in competition, the OMEN 25L Desktop PC packs a staggeringly fast AMD processor with an advanced graphics card, so you can play on your level and look good while you're doing it. Just open the box and close in on the competition before you can say "dang, I'm good."
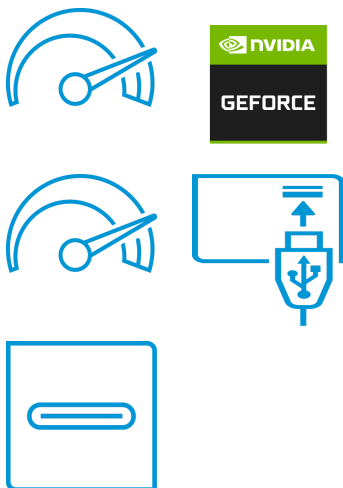
### Let's Play, Real Quick
The OMEN 25L Gaming Desktop PC lives for the thrill of the chase, never leaves a friend behind, and makes a mean midnight snack of action and adventure. Meet your new best friend, packing a powerful AMD processor and advanced graphics card. And meet your new biggest fan, it's the one on the front keeping everything cooler than cool.

### Do How You Do
OMEN Gaming Hub's growing list of customization and optimization features gives you the power to dial-in your game and tailor-make your mark. With OMEN Light Studio, you can tailor make everything with your mark.

### Cool Never Looked So Hot
Sure, it's what's inside that counts, but it's what's outside that steals hearts. With a tempered glass side panel, a full-metal frame, and complete RGB control, we made this PC for people who know that style points count on the final scoreboard of life.

## Featuring

### AMD Ryzen™ 5000 Series Desktop Processors
Whether you are playing the latest games, designing the next skyscraper, or crunching scientific data, you need a powerful processor that can handle it all. The AMD Ryzen™ 5000 Series Desktop Processors set the bar for gamers and artists alike. [1]

### NVIDIA® GeForce RTX™ 3060 Ti
The GeForce RTX™ 3060 Ti 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. [2]

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

### SuperSpeed USB Type-A 5Gbps signaling data rate
Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate. [3]

### SuperSpeed USB Type-C® 10Gbps signaling data rate
Plug in your external storage with this SuperSpeed USB Type-C® port, featuring 10Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down. [4]

## Specifications

| | |
|---|---|
| **Form factor** | microATX |
| **Operating system** | Windows 11 Home |
| **Product color** | Shadow black |
| **Processor family** | AMD Ryzen™ 7 processor |
| **Processor** | AMD Ryzen™ 7 5700G (3.8 GHz base clock, up to 4.6 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7] |
| **Chipset** | AMD B550 |
| **Memory** | HyperX® 16 GB DDR4-3200 XMP RGB MHz RAM (2 x 8 GB) |
| **Memory Slots** | 4 DIMM |
| **Internal Storage** | 512 GB WD Black PCIe® NVMe™ TLC M.2 SSD |
| **Hard drive (2nd)** | 1 TB 7200 rpm SATA HDD |
| **Graphics** | Discrete |
| **Graphics (discrete)** | NVIDIA® GeForce RTX™ 3060 Ti (8 GB GDDR6 dedicated) with LHR |
| **Graphics** | Integrated |
| **Graphics (integrated)** | AMD Radeon™ Graphics |
| **Audio** | 5.1 surround sound; Omen Audio Control Support DTS:X® Ultra |
| **Minimum dimensions (W x D x H)** | 16.5 x 36.9 x 43.3 cm |
| **Minimum dimensions (W x D x H)** | 6.5 x 15.53 x 17.05 in |
| **Weight** | 11.46 kg |
| **Weight** | 25.26 lb |
| **Video connectors** | 1 HDMI; 3 DisplayPort™ |
| **Ports** | 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 microphone |
| **Expansion slots** | 3 M.2; 1 PCIe x16; 1 PCIe x4 |
| **Ports** | 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone |
| **Package dimensions (W x D x H)** | 48 x 29.9 x 54.2 cm |
| **Package weight** | 14.62 kg |
| **Network interface** | Integrated 10/100/1000 GbE LAN |
| **Wireless** | Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo |
| **Power supply type** | 500 W 80 Plus Bronze certified ATX power supply |
| **Security management** | Kensington MicroSaver lock slot |
| **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** | 196548234585 |

# Top Recommended Displays, Accessories and Services

## OMEN by HP Displays

| | |
|---|---|
| OMEN 27i Monitor | 8AC94AA |
| OMEN 27i Monitor | 8AC95AA |
| OMEN X 25f 240Hz Gaming Display | 4WH47AA |
| OMEN X 25f 240Hz Gaming Display | 4WH48AA |
| OMEN X 27 240Hz Gaming Monitor | 6FN07AA |
| OMEN X 27 240Hz Gaming Monitor | 6FN08AA |

## Mice

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|---|---|
| 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

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|---|---|
| OMEN by HP Sequencer Keyboard | 2VN99AA |
| OMEN by HP Encoder Keyboard | 6YW76AA |
| HP Pavilion Gaming Keyboard 800 | 5JS06AA |

## Speakers

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|---|---|
| HP Gaming Speakers X1000 | 8PB07AA |

## Headsets

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|---|---|
| HP Pavilion Gaming Headset 600 | 4BX33AA |
| OMEN Blast Headset | 1A858AA |

## Headphones

| | |
|---|---|
| OMEN Dyad Earbuds | 8JE67AA |

## 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. AMD's numbering is not a measurement of clock speed.

[2] ©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.

[3] Actual throughput may vary.

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

## 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.

[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.

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