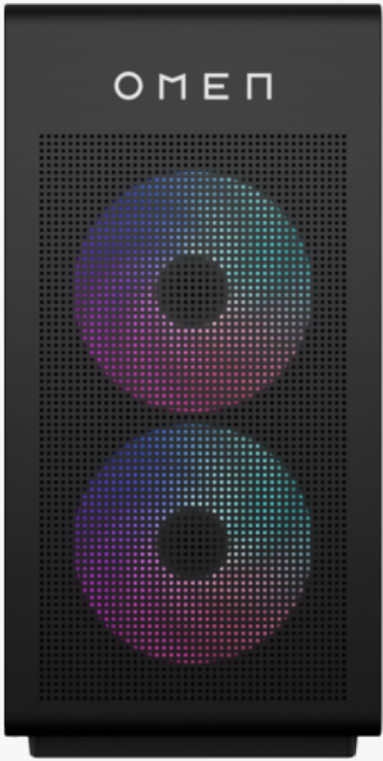


# OMEN 35L Gaming Desktop GT16-0066m PC

## Take the key to your gaming performance

The OMEN 35L Gaming Desktop PC unlocks your performance potential. It features the latest AMD Ryzen™ 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.



\*Product image may differ from actual product



### 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.

## Sustainability in action

### Sustainability in action

Innovating with purpose and intention to go beyond short-term impact to drive positive, lasting change.



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## 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>2</sup>

**Everything You Need to Game, Work, and Create**

AMD Ryzen 8000G Series processors; high-performance processing power, intense graphics capabilities, and the first neural processing unit (NPU) on an AMD desktop PC processor.<sup>3</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>4</sup>

**1TB PCIe® Gen4 NVMe™ M.2 SSD**

With high-speed data transfer, the 1 TB PCIe Gen4 NVMe M.2 SSD offers lightning fast speed and efficient storage.<sup>5</sup>

**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>6</sup>

**USB Type-A 5Gbps signaling data rate**

Plug in your external storage with this USB Type-A port, featuring 5Gbps signaling data rate.<sup>7</sup>

**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.<sup>8</sup>

**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 a smoother wireless experience with a Wi-Fi 7 and Bluetooth® 5.4 combo.<sup>9</sup>

**Sustainable design**

Because little things make a big difference, this product includes sustainable materials like water-based paint in the design.<sup>10</sup>

**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.<sup>11</sup>

## Recommended accessories and services (not included)



# OMEN 35L Gaming Desktop GT16-0066m PC

## Specifications



## Performance

**Operating system**  
Windows 11 Home

**Processor**  
AMD Ryzen™ 7 8700G (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)<sup>6,7</sup>  
Processor family: AMD Ryzen™ 7 processor

**Chipset**  
AMD B650

**Memory**  
Kingston FURY 16 GB DDR5-6000 MT/s EXPO™ RGB Heatsink (2 x 8 GB)  
Transfer rates up to 6000 MT/s.  
Memory slots: 4 DIMM  
Maximum memory: Supports up to 128 GB max system memory

**Storage**  
1 TB PCIe® Gen4 NVMe™ M.2 SSD  
25 GB Dropbox storage for 12 months<sup>1</sup>

**Graphics**  
Integrated: AMD Radeon™ 780M Graphics;  
Discrete: NVIDIA® GeForce RTX™ 4060 (8 GB GDDR6 dedicated);

**Audio**  
5.1 surround sound; OMEN Audio Control DTS Headphone:X™ support

**Power**  
600 W 80 Plus Gold certified ATX power supply;

**System coolers**  
120 mm 4-heatpipe RGB air cooler;

## Connectivity

**Network interface**  
Integrated 10/100/1000 GbE LAN

**Wireless connectivity**  
MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card <sup>12</sup>

**Ports**  
Top:  
1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo<sup>19</sup>  
Rear:  
1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 4 USB 2.0 Type-A; 1 microphone; 1 RJ-45; 1 audio-in; 1 audio-out

**Video connectors**  
3 DisplayPort™; 1 HDMI 2.1

**Expansion slots**  
1 PCIe x16; 1 PCIe x4; 3 M.2 (2 for SSD, 1 for WLAN)

## Sustainability

**Sustainable impact specifications**  
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<sup>40,41</sup>

## Design

**Product color**  
Black metal  
Powder coat

## Software

**Software**  
1 month trial for new Microsoft 365 customers<sup>24</sup>

**Service & support**  
McAfee Online Protection 30-day trial <sup>2</sup>

## Additional information

**Part Number**  
P/N: B0FT7AA  
UPC/EAN code: 198828054098

**Weight**  
14.5 kg;  
Packed: 18.5 kg

**Dimensions**  
21 x 40.8 x 41 cm;  
Packed: 59 x 33.2 x 58.3 cm

**Manufacturer Warranty**  
1-year limited hardware warranty. Additional information available at [www.support.hp.com](http://www.support.hp.com); 1-year limited technical support for software and initial setup (from date of purchase)

**Security management**  
Kensington Security lock slot



# OMEN 35L Gaming Desktop GT16-0066m PC

## Footnotes

### Messaging Footnotes

- <sup>1</sup> 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, branding and/or naming is not a measurement of higher performance.
- <sup>2</sup> 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>.
- <sup>3</sup> 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.
- <sup>4</sup> ©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.
- <sup>5</sup> For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of system disk is reserved for system recovery software.
- <sup>6</sup> 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.
- <sup>7</sup> Actual throughput may vary.
- <sup>8</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- <sup>9</sup> Wi-Fi 7: Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
- <sup>10</sup> Percentage of water-based paint varies by product.
- <sup>11</sup> 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](https://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](https://www.xbox.com/gamepass). See Microsoft <https://www.xbox.com/en-US/legal/subscription-terms> for more details.

### Technical Specifications Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
- <sup>6</sup> 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.
- <sup>7</sup> Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- <sup>12</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported.
- <sup>14</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or [support.hp.com](https://support.hp.com) for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply; Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit [hp.com/go/carepack-services](https://hp.com/go/carepack-services)
- <sup>19</sup> For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- <sup>24</sup> Must activate within 180 days of Windows activation.
- <sup>40</sup> Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.
- <sup>41</sup> Percentage of water based paint varies by product; Percentage of post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

