

OMEN 25L Desktop - GT12-0050na



Your future gaming self will thank you

It's gaming love at first sight. The OMEN 25L Desktop PC has got the looks and can back it up. With a powerful processor and graphics, you can play from day one. And with being easy to upgrade and including OMEN Command Center, it's crafted for the long term.



Now you can't blame your PC

Skills are half the game and with the OMEN 25L Desktop PC, you really can't make any more excuses for losing. With a powerful processor and graphics, it will carry you far. Plus, with an enhanced thermal design and raised feet it's made to stay cool so you can focus on trying to win.



It's yours, do whatever

Really, do whatever you want. It's easy to upgrade and with OMEN Command Center's growing list of customization and optimization features, it lets you setup for you.



Actually, looks do matter

Some people say looks don't matter, but let's be honest, they do. With tempered glass panels, brushed-texture front, and complete RGB control, we made this PC for people who enjoy the finer things in life - like buying virtual hats just so you can flex on your friends.



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Featuring

Windows 10

Do great things confidently with the familiar feel of Windows - only better.¹

NVIDIA® GeForce RTX™ 2060 graphics

Enjoy incredible power to create and game at ultra-fast speeds with the all-new NVIDIA Turing™ architecture, including ray tracing technology for unbelievable visuals.

10th Generation Intel® Core™ processor

Uncompromised performance and productivity whether plugged in or on the go. Enjoy immersive gaming and premium streaming with up to 4K stunning resolution wherever you go.²

McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.³

Dual storage configurations

By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

Ethernet port

When you have a spotty wireless connection, you can quickly plug in your Ethernet cable to get a smooth, wired Internet experience that bypasses any wireless issue.

Show off your hardware

A tempered glass side panel shows off your internal components with RGB lighting effects. A clear EMI protective coating helps reduce the risk of electrical or magnetic interference with other devices.

Personalize your PC's RGB lighting

Customize your OMEN Desktop RGB LED lighting effects through OMEN Command Center. You can set a single color or pre-programmed lighting animations on the front logo and interior lighting, seen through the side panel.⁴

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.

5.1 Surround Sound output

With all the necessary ports for true 5.1 surround sound, give your favorite movies, shows, or music more nuanced, immersive sound quality, just by hooking up a surround sound speaker setup.

OMEN Command Center

OMEN Command Center puts you in control of custom settings for an elite gaming experience. With just a few clicks, you can safely overclock CPU and RAM, customize chassis lighting, and optimize connectivity with Network Booster and Dual Force functionality.¹⁴

Personalize your PC's RGB lighting

This desktop has RGB LED lighting on the chassis for customized lighting effects.¹⁵

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i7-10700F (2.9 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)^{6,7}

Processor family: 10th Generation Intel® Core™ i7 processor

Chipset

Intel® H470

Memory

16 GB DDR4-2933 SDRAM (2 x 8 GB); Transfer rates up to 2933 MT/s.

Total slots: 4 DIMM

Storage

256 GB PCIe® NVMe™ M.2 SSD

2 TB 7200 rpm SATA HDD

Optical drive not included

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce RTX™ 2060 (6 GB GDDR6 dedicated) ;

Powered by NVIDIA Turing™ GPU architecture

Audio

5.1 surround sound; DTS Headphone:X™ support

Display description

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

Power

500 W Bronze efficiency power supply

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)^{11,12,13,16}

Miracast compatible; MU-MIMO supported

Ports

Top: 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 microphone; 1 headphone/microphone combo

Rear: 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone; 1 RJ-45

Internal drive bays: Two 3.5" available

Video connectors

1 HDMI 2.0; 1 DisplayPort™; 1 DVI-D

Expansion slots

3 M.2; 1 PCIe x16

Design

Product color

Shadow black front bezel, dark chrome logo, glass side panel

Software

HP apps

HP Audio Switch; HP Support Assistant; OMEN Command Center

Software

Alexa; Netflix; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)¹⁷

1 month trial for new Microsoft 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 1D4A1EA #ABU

UPC/EAN code: 195122279134

Weight

11.46 kg;

Packed: 14.62 kg

Dimensions

16.5 x 36.9 x 43.3 cm;

Packed: 48 x 29.9 x 54.2 cm

Warranty

1 year limited parts, labour, and pickup and return service.; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Features

Air cooling solution for processor

Security management

Kensington MicroSaver lock slot

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Recommended accessories

* Not included.



OMEN by HP Sequencer Keyboard
2VN99AA



OMEN by HP Photon Wireless Mouse
6CL96AA



OMEN by HP Mindframe Prime Headset
6MF35AA



3-year pickup and return
UC994E

Warranty services*

Key Selling Points Footnotes

Feature 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.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. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.
- ³ Internet service required and not included. Subscription required after 30 days.
- ⁴ Secure remote access requires using your Game Stream account credentials and downloading the OMEN Command Center app from the Microsoft Store. Compatible with Windows 10 PCs only. Internet service required and not included.
- ¹⁴ Altering clock frequency and/or voltage may: (i) reduce system stability and useful life of the system, processor, and other system components; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. HP and Intel have not tested, and do not warranty, the operation of the processor beyond its specifications. HP and Intel have not tested, and do not warranty, the operation of other system components beyond their industry standard specifications. HP and Intel assume no responsibility that the processor and other system components, including if used with altered clock frequencies and/or voltages, will be fit for any particular purpose.
- ¹⁵ Secure remote access requires using your Game Stream account credentials and downloading the OMEN Command Center app from the Microsoft Store. Compatible with Windows 10 PCs only. Internet service required and not included.

Technical Specifications Footnotes

- ¹ New Dropbox users are eligible to get 25 GB of Dropbox space free 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.
- ² Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
- 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® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.
- ¹² Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- ¹³ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. 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.
- ¹⁶ Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- ¹⁷ Reverting to LastPass basic after 30 days.
- ²⁴ Must activate within 180 days of Windows activation.

