

OMEN 25L Desktop GT12-0041



Play with power

It's gaming love at first sight. The OMEN 25L Desktop PC has got the looks and can back it up. With the powerful Intel® processor and NVIDIA® graphics, you can play day one. And with being easy to upgrade and OMEN Command Center, it's crafted for the long term.⁽⁵⁷⁾

Product overview

- **Ready to play:** 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'll carry you far.
- **Make it yours:** 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 do you.⁽⁵⁷⁾
- **Go ahead, it's okay to stare:** Some people say looks don't matter, but let's be honest, they do. With a tempered glass side panel, a full-metal frame, 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.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 10th Generation Intel® Core™ i7-10700F processor^(2b)
- **Memory:** HyperX® 16 GB DDR4-2933 XMP SDRAM memory⁽⁹⁷⁾ (2x8 GB)
- **Internal Storage:** 512 GB PCIe® NVMe™ M.2 Solid State Drive⁽¹⁵⁾⁽⁵⁸⁾
- **Graphics:** NVIDIA® GeForce® GTX 1660 SUPER™ graphics card with 6 GB GDDR6 dedicated memory⁽¹³⁾
- **Mouse and keyboard:** USB black wired keyboard and mouse combo
- **USB ports:** 9 (4 SuperSpeed USB Type-A 5Gbps signaling rate, 2 SuperSpeed USB Type-A 10Gbps signaling rate, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 10Gbps signaling rate⁽⁴²⁾)
- **Wireless:** Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported^{(19a)(26)}
- **Warranty:** 1-year limited hardware warranty

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.⁽¹⁾
- **Adheres to industry standards:** With an easy access angled design, and support for aftermarket parts, it's the ultimate DIY desktop.
- **10th Gen Intel® Desktop Processor:** Outstanding performance and immersive multimedia entertainment with 4K visuals.⁽¹²⁾
- **NVIDIA® GeForce® GTX 1660 SUPER™ graphics:** Boost your creative and gaming experience with real-time ray tracing and fast performance.
- **HyperX® DDR4 memory:** With its high performance, everything from multi-tasking to playing games gets a boost.⁽⁹⁷⁾
- **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.⁽¹⁷⁾
- **VR ready:** Tuned and tested for optimal VR performance right out of the box.⁽⁷³⁾
- **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.
- **PCIe® NVMe™ SSD storage:** Get up to 10x faster performance than a traditional hard drive.⁽⁵⁸⁾
- **Wi-Fi 5 (2x2) & Bluetooth® 5.0:** With a Wi-Fi 5 (2x2) WLAN adapter and Bluetooth® 5.0, all your connections are rock solid.^{(19a)(26)}

Additional product features

- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **Tool-less access:** Easily swap out the hard drives or get inside the system with the included double-sided screwdriver.
- **Personalize your PC's RGB lighting:** Customize your OMEN 25L Desktop RGB LED lighting effects through OMEN Command Center.⁽⁸²⁾ You can set a single color or pre-programmed lighting animations on the front logo and interior lighting, seen through the side panel.
- **DTS Headphone: X Technology:** Produces spatially accurate 3D sound through any headphones for immersive sound quality.⁽⁴⁷⁾
- **5.1 surround sound output:** All the necessary ports for truly immersive sound quality with 5.1 surround sound.
- **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.⁽⁴³⁾
- **SuperSpeed USB Type-A 10Gbps signaling data rate:** Plug in your external storage with this Superspeed USB Type-A port, featuring 10Gbps signaling data rate.⁽⁴³⁾
- **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.⁽⁴²⁾⁽⁴³⁾
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.⁽⁵⁶⁾
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.⁽¹⁰⁾
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on Twitter at twitter.com/HPsupport, and Facebook at facebook.com/HPsupport.⁽¹⁰⁾

Extend your coverage:

- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1.844.814.1800 to get started.⁽⁹⁵⁾
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/carepack-services or call toll-free at 1.877.232.8009.⁽⁸³⁾



Specifications

Operating system	• Windows 10 Home⁽¹⁾
Processor	• 10th Generation Intel® Core™ i7-10700F processor ^(2b) • 8-Core
Processor speed	• 2.90 GHz ^(2h)
Cache	• 16 MB Cache
Memory	• HyperX® 16 GB DDR4-2933 XMP SDRAM memory ⁽⁹⁷⁾ (2x8 GB) (expandable to 64 GB)
Internal storage	• 512 GB PCIe® NVMe™ M.2 Solid State Drive ^{(15)(58c)}
Finish	• HP finish in shadow black with a brushed hairline pattern • Tempered glass side panel with EMC protection
Video graphics	• NVIDIA® GeForce® GTX 1660 SUPER™ graphics card with 6 GB GDDR6 dedicated memory ⁽¹³⁾
Network interface	• 10/100/1000 Base-T Network ⁽²⁹⁾
Wireless connectivity	• Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported ^{(19a)(26)}
Sound	• 5.1 surround sound
Memory slots	• 4 DIMM (288-pin) (two available)
Expansion slots	• 1 PCI-E Gen 3 x16 (occupied) • 2 M.2 (occupied)
Expansion bays	• HDD: 2 internal 3.5" (two available)
External ports	• Top I/O: 2 SuperSpeed USB Type-A 5Gbps signaling rate, Headphone/Microphone Combo, Microphone Jack • Rear: 2 SuperSpeed USB Type-A 5Gbps signaling rate, 2 SuperSpeed USB Type-A 10Gbps signaling rate, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 10Gbps signaling rate ⁽⁴²⁾ • DVI-D • HDMI • DisplayPort™ ⁽⁵⁰⁾
Total USB ports	• 9 (4 SuperSpeed USB Type-A 5Gbps signaling rate, 2 SuperSpeed USB Type-A 10Gbps signaling rate, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 10Gbps signaling rate ⁽⁴²⁾)
Multi-display capable	• DVI-D, DisplayPort and HDMI capabilities, NVIDIA® Surround™ multi-display technology, support for Microsoft® DirectX® 12 ⁽¹³⁾
Mouse and keyboard	• USB black wired keyboard and mouse combo
Power supply	• 500 W Bronze efficiency power supply

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⁽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> ^(2b) 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2h) GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ^(b) Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽¹⁰⁾ Internet service required and not included. ⁽¹²⁾ Graphics output may be limited based on the maximum resolution of the display. ⁽¹³⁾ ©2020 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. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ⁽¹⁷⁾ 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 does 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. ^(19a) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs. ⁽⁴²⁾ 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 www.dropbox.com. Internet service required and not included. ⁽⁵⁰⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ^(52a) Actual speeds may vary. ^(52b) USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁵³⁾ Actual throughput may vary. ⁽⁴⁷⁾ 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. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵³⁾ Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. ⁽⁵⁶⁾ For more information visit <http://www.hp.com/go/hpsupportassistant>. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. ⁽⁵⁷⁾ This device has been engineered for optimal performance. Upgrading PC may affect warranty coverage. ^(58a) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 7,200 rpm HDD. ⁽⁷³⁾ Requires minimum NVIDIA® GTX 970 or AMD® R9 390X graphics card, Intel® Core™ i5 processor, and 8GB RAM. All other system components must be VR capable. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁸²⁾ 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. ⁽⁸³⁾ 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. HP Care Packs are sold separately. For details, visit www.hp.com/go/carepack-services. ⁽⁹⁵⁾ HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. ⁽⁹⁷⁾ HyperX is a registered trademark of Kingston Technology Corporation. Actual product may vary from image shown on datasheet. © Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 09/29/2020_r4 jr

Dimensions	• Unpackaged: 15.53 in (L) x 6.50 in (W) x 17.05 in (H) approx. • Packaged: 18.90 in (L) x 11.77 in (W) x 21.34 in (H) approx.
Weight	• Unpackaged: 25.26 lb approx. ⁽⁷⁶⁾ • Packaged: 32.23 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

Software

HP help and support	• HP JumpStarts: Get access to great HP solutions and learn about valuable features that come with your new HP PC. • HP Support Assistant: Help with your HP PC and printers whenever you need it. ⁽⁵⁶⁾
Books, music, photos and videos	• Netflix: Watch movies and TV on your PC with subscription. ⁽¹⁰⁾
Productivity and tools	• OMEN Command Center: In an easy-to-use interface, overclock CPU and RAM, customize chassis lighting, and optimize network connectivity. ⁽¹⁷⁾ • Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. ⁽¹⁰⁾⁽²²⁾ • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽¹⁰⁾
Security and protection	• McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽⁸⁾

Additional information

Product number	• 1K0A4AA#ABA
Ad embargo date	• 09/13/2020
UPC code	• 195122909444
Country of origin	• Mexico
Pallet information	• Dimensions: 47.24 in (L/D) x 39.37 in (W) x 69.69 in (H) approx. • Total weight: 764.29 lb approx. • Layers: 3 • Products per layer: 8 • Total products per pallet: 24

