Work Hard. Play Easy.

Get one machine to do it all with the Victus Desktop Gaming PC. Play for real with an Intel[®] processor^{1,2} and impressive graphics. Seamlessly switch over to work or streaming with the latest Windows 11 OS, 9 USB ports, and plenty of storage. Control RGB lighting and other performance features in the OMEN Gaming Hub.



*Product image may differ from actual product





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.³

A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel[®] Core[™] processors distributes performance where you need it the most – saving you time and increasing your ability to do the things you actually want.⁴

PCIe NVMe[™] M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe NVMe[™] M.2 SSD storage.

USB Type-A 10Gbps signaling data rate

Plug in your external storage with this USB Type-A port, featuring 10Gbps signaling data rate. $^{\rm 5}$

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 $^{\rm \$}$ 5.3 $\rm combo^6$

Sustainable design

Because little things make a big difference, this product includes sustainable materials like water-based paint in the design.⁷

Unlock the value of your HP purchase

myHP provides a simple setup and registration and helps you to customize, optimize, and secure your device with tips and tricks and easy-to-access settings.

Recommended accessories and services (not included)



Specifications



Performance

Operating system Windows 11 Home Processor Intel® Core™ i5-12400F (up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)^{6,7} Processor family: 12th Generation Intel® Core™ i5 processor Chipset Intel[®] H670 Memory 16 GB DDR4-3200 MT/s (2 x 8 GB) Transfer rates up to 3200 MT/s. Memory slots: 2 DIMM Maximum memory: Supports up to 32 GB max system memory Storage 512 GB PCIe® NVMe™ M.2 SSD 25 GB Dropbox storage for 12 months¹ Graphics Discrete: Intel[®] Arc[™] A380 Graphics (6 GB GDDR6 dedicated); Audio 5.1 surround sound Power 350 W 80 Plus Gold certified power supply; System coolers

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 Front: 1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Rear:

4 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone; 1 RJ-45 Video connectors 1 VGA; 1 HDMI 1.4b Expansion slots 2 M.2 (1 for SSD, 1 for WLAN); 1 PCIe x16; 1 PCIe x1

Sustainability

Ecolabels EPEAT® Gold registered Energy star certified ENERGY STAR® certified Sustainable impact specifications Water based paint⁴¹

Software

HP apps

HP Connection Optimizer; HP Support Assistant; HP BIOS Protection; OMEN Gaming Hub; myHP **Software** 1 month trial for new Microsoft 365 customers²⁴ **Service & support** McAfee Online Protection 30-day trial²

Additional information

Part Number P/N: B17NMAA UPC/EAN code: 198828312211 Weight 6.31 kg; Packed: 8.64 kg Dimensions 15.5 x 29.73 x 33.7 cm; Packed: 49.9 x 40 x 28.7 cm Manufacturer Warranty 1-year limited hardware warranty, limited technical support for software and initial setup (from date of purchase)

Kevboard

HP 310 White Wired Keyboard and mouse combo

Security management Kensington Security lock slot



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 PC may affect warranty coverage.

³ 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.

⁴ 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 is not a measurement of higher performance.

⁵ Actual throughput may vary.

⁶ 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.

⁷ Percentage of water-based paint varies by product.

Technical Specifications Footnotes

¹25 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.

² 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.

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).

¹⁴ 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 for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. ²¹ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content; Based on HP internal testing using CrystalDiskMark

benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD.

²⁴ Must activate within 180 days of Windows activation.

³² HP BIOS Protection works with Windows 11 that ships with your PC; Internet service required and not included; For more information visit

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.

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.

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