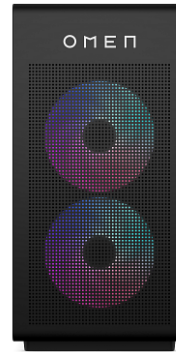


OMEN 35L Gaming Desktop GT16-1022a PC (D89U2PA)



Your gaming performance awaits

The OMEN 35L Gaming Desktop PC unlocks your performance potential. It features the latest AMD Ryzen™ Processor^[1] and advanced graphics, with OMEN branded components optimized for peak thermal capabilities and power. Designed for easy tool-less upgradeability and personalization to suit your gaming needs.



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.

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.^[6]

This Legend is Unbeatable

AMD Ryzen™ 9000X3D series opens new frontiers with “Zen 5” architecture and AMD 3D V-Cache™, powering gamers and creators with high performance boosted with AMD EXPO™ technology.^[7]

Game Changer

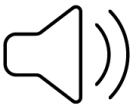
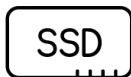
Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio.^[5]

PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 2 TB PCIe NVMe™ M.2 SSD storage.

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.^[8]



Specifications

Form Factor	microATX
Operating System Software	Windows 11 Home
Product Color Description (fixed)	Shadow black metal
Product Design	Textured finish
Processor Family	AMD Ryzen™ 7 processor
Processor Name	AMD Ryzen™ 7 9800X3D (up to 5.2 GHz max boost clock, 96 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Chipset	AMD B850
Standard Memory Description 01	Kingston FURY 32 GB DDR5-6000 MT/s EXPO™ RGB Heatsink (2 x 16 GB)
Memory Slots	4 DIMM
Hard Drive Description (01)	2 TB PCIe® Gen4 NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ Graphics
Audio Features	5.1 surround sound; OMEN Audio Control DTS Headphone:X™ support
Product Dimensions (metric)	21 x 40.8 x 41 cm
Product Dimensions (imperial)	8.27 x 16.06 x 16.14 in
Weight (metric)	14.5 kg
Weight (imperial)	31.97 lb
Package Dimensions (metric)	59 x 33.2 x 58.3 cm
Package Dimensions (imperial)	23.23 x 13.07 x 22.95 in
Package Weight (metric)	18.5 kg
Package Weight (imperial)	40.79 lb
Video Connectors	1 HDMI 2.1b; 3 DisplayPort™ 2.1b
External I/O Ports	1 USB Type-C® 10Gbps signaling rate (HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo ^[19,52]
Expansion Slots	1 PCIe x16; 1 PCIe x4; 3 M.2 (2 for SSD, 1 for WLAN)
External I/O Ports 02	1 USB Type-C® 10Gbps signaling rate (DisplayPort™ 1.4); 1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 4 USB 2.0 Type-A; 1 3.5 mm audio jack; 1 RJ-45
Network Interface	Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card ^[12]
Power Supply Type	1000 W 80 Plus Gold certified ATX power supply
Sustainable Impact Specifications	Water based paint; At least 10% recycled metal; LDPE bag contains 30% recycled plastic; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; At least 20% post-consumer recycled plastic
Security Management	Padlock; Kensington Security Slot™
Software Included	McAfee Online Protection 30-day trial
Software - Productivity & Finance	1 month trial for new Microsoft 365 customers ^[24,49,50]
Cloud Service	100 GB Dropbox storage for 3 months ^[1]
UPC Number	821844463697

Top Recommended Displays, Accessories and Services

HyperX Cloud Wireless Headset SC

HyperX Cloud III Wireless - Gaming Headset	77Z46AA
--	---------

HyperX Pulsefire Haste Mice SC

HyperX Pulsefire Haste 2 - Wireless Gaming Mouse (Black)	6N0B0AA
--	---------

HyperX Alloy Rise SC

HyperX Alloy Rise - Gaming Keyboards	7G7A3AA
--------------------------------------	---------

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, branding and/or naming is not a measurement of higher performance.

[5] ©2025 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.

[6] 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>.

[7] 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.

[8] 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.

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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.

[12] 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.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

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

[49] Some Windows 11 features require camera, microphone, speakers and/or advanced hardware. Check www.microsoft.com/windows and/or www.hp.com for details.

[52] Please make sure the USB Charging mode is enabled in the BIOS settings to activate the "HP Sleep and Charge" feature.

© Copyright 2026 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 herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, and Radeon are trademarks of Advanced Micro Devices, Inc. Qualcomm and Snapdragon are trademarks or registered trademarks of Qualcomm Technologies, Inc. and/or its subsidiaries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

