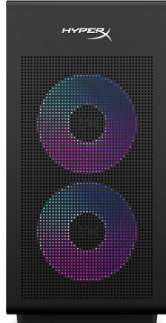




HyperX OMEN 35L Gaming Desktop GT18-0000a PC (D70TRPA)

Overview



Lose the Noise, Dominate the Game.

The HyperX OMEN 35L Gaming Desktop PC unlocks your performance potential. It features the latest Intel® Core™ Ultra Processor[1] and advanced graphics, with HyperX 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.



Make it your own.

Customize performance and aRGB options with OMEN Gaming Hub



Futureproof, tool-less design.

Designed for upgradability with industry standard HyperX Components tested and calibrated for reliable performance.



We're In This Together.

It matters. With 100% recyclable packaging solutions[2], at least 20% recycled plastic content and 10% recycled metal[3][4], we are in this together[5].

Features



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]



USB Type-C® 10Gbps signaling data rate

Plug in your external storage with this USB Type-C® port, featuring 10Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.^[8]



Realtek Wi-Fi 7 and Bluetooth® 6.0 wireless card

Take a leap in wireless performance with new levels of increased speed and reduced latency with Wi-Fi 7. Paired with Bluetooth® 6.0.^[9]



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.^[7]



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.

[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. Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

[2] Packaging parts contain certified or recycled fibers and are typically recycled in your local paper/carton recycling bin, consult your local guidelines.

[3] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

[4] 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.

[5] Recycling facilities not available in all locations.

[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] ©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.

[8] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

[9] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 is backwards compatible with prior Wi-Fi 6E specs. Bluetooth® is a trademark owned by Bluetooth SIG inc. and used by HP Inc. under license.

Specifications

Form Factor	microATX
Operating System Software	Windows 11 Home
Product Color Description (fixed)	Shadow black metal
Processor Family	Intel® Core™ Ultra 7 processor
Processor Name	Intel® Core™ Ultra 7 270K Plus (up to 5.4 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 24 threads) ^[6,7]
Chipset	Intel® Z890
Standard Memory Description 01	Kingston FURY 32 GB DDR5-6000 MT/s XMP RGB Heatsink (2 x 16 GB)
Memory Slots	4 DIMM
Hard Drive Description (01)	2 TB PCIe® Gen4 NVMe™ M.2 SSD
Product Design	Textured finish
Graphics Card Segment 02	Discrete
GScardseg 02 Available Card 01	NVIDIA® GeForce RTX™ 5080 (16 GB GDDR7 dedicated)
Audio Features	Omen Audio Control Support DTS:X Ultra; 5.1 Channel audio 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
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]
Expansion Slots	3 M.2 (2 for SSD, 1 for WLAN); 1 PCIe Gen5 x16; 1 PCIe Gen5 x4
External I/O Ports 02	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate (charging); 4 USB 2.0 Type-A; 1 microphone; 1 RJ-45; 1 microphone-in; 1 line in; 1 line out; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (DisplayPort™ 2.1)
Package Dimensions (metric)	59 x 33.2 x 58.3 cm
Package Weight (metric)	18.5 kg
Network Interface	Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
Wireless Technologies	Realtek Wi-Fi 7 (2x2) and Bluetooth® 6.0 wireless card ^[12,46]
Power Supply Type	1000 W 80 Plus Gold certified ATX 3.1 fully modular power supply
Energy Star Certified	ENERGY STAR® certified
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; Contains post-consumer recycled plastic

Security Management	Kensington Security lock slot; Padlock
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	821844175576

Additional specifications

Bluetooth Version	Bluetooth® 6.0
Color	Shadow black metal
DisplayPort™	3
DisplayPort™ version	2.1b
ECC Memory	non-ECC
Ecolabels	EPEAT® Silver with Climate+; EPEAT® Gold with Climate+
Ethernet (RJ-45)	1
Graphics Discrete Brand	NVIDIA®
Graphics Discrete Family	GeForce
Graphics Discrete Memory Size	16
Graphics Discrete Memory Size UOM	GB
Graphics Discrete Memory Type	GDDR7
Graphics Discrete Model Number	RTX™ 5080
HDMI version	2.1b
HDMI –out	1
Headphone/microphone combo	1
I/O Port Location 01	Top
I/O Port Location 02	Rear
Maximum Memory	Supports up to 128 GB max system memory
Memory Brand	Kingston FURY
Memory Layout (Slots & Size)	2 x 16 GB
Memory Lighting	RGB
Memory Module Type	UDIMM
Memory Profile Technology	XMP
Memory Size	32
Memory Size UOM	GB
Memory Slots Number	2
Memory Speed	6000
Memory Speed UOM	MT/s
Memory Storage Simplified	32 GB memory;2 TB SSD storage
Memory Type	DDR5
Neural Processing Unit (NPU)	Intel® AI Boost (13 NPU TOPS)
Package Dimensions (imperial)	23.23 x 13.07 x 22.95 in

Package Weight (imperial)	40.79 lb
Processor Brand	Intel®
Processor Cache Installed	36 MB L3
Processor Core	24
Processor Family (Short)	Core™ Ultra 7
Processor Frequency Technology	Intel® Turbo Boost Technology
Processor Maximum Frequency	5.4
Processor Maximum Frequency UOM	GHz
Processor Model	270K
Processor NPU Tops	13
Processor Socket	LGA1851
Processor Threads	24
Product Brand Name	HP
Product Long Name Specifications	HyperX OMEN 35L Gaming Desktop GT18-0000a PC, Windows 11 Home, Intel® Core™ Ultra 7, 32GB RAM, 2TB SSD, NVIDIA® GeForce RTX™ 5080, Shadow black metal
Product Long Name Specifications V2	Windows 11 Home, Intel® Core™ Ultra 7, 32GB RAM, 2TB SSD, NVIDIA® GeForce RTX™ 5080, Shadow black metal
Product Short Name Specifications	HyperX OMEN 35L Gaming Desktop GT18-0000a PC, Intel® Core™ Ultra 7, 32GB RAM, 2TB SSD
Storage Capacity 01	2
Storage Capacity UOM 01	TB
Storage Form Factor 01	M.2
Storage Interface 01	PCIe® Gen 4
Storage Interface Protocol 01	NVMe™
Storage Type 01	SSD
Storage type (filter)	SSD
System Coolers	240 mm LCD liquid cooler
Thunderbolt™ 4 ports	1
UNSPSC Code	43211507
USB Type-A	8
USB Type-C	2
Wireless Antenna	2x2
Wireless Standard	Wi-Fi 7
Wireless Supplier	Realtek

[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. 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.

[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 Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible 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.

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

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

[46] Bluetooth® 6.0 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 6.0 will function as Bluetooth® 5.4 or lower.

[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.

HyperX Gaming Peripherals

HyperX Earbuds

★ : Recommended

HyperX Cloud Earbuds SC

HyperX Cloud Earbuds III S Black

BN7S1AA

HyperX Cloud Earbuds III S Red

BN7S2AA

HyperX Gaming Headsets

HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger 3 Gaming Headset

BS1T5AA

HyperX Gaming Controllers

HyperX Clutch Controllers SC

HyperX Clutch Tachi - Xbox

B11D9AA

HyperX Gaming Keyboards

HyperX Origins 2 Keyboards SC

HyperX Origins 2 Pro 65

BN7S3AA

Monitors

HP Home Monitors

★ : Recommended

OMEN by HP Displays

HyperX OMEN 23.8 inch FHD 180Hz Gaming Monitor - OMEN 24 G2	C2JP4AA
HyperX OMEN 23.8 inch FHD 180Hz Gaming Monitor - OMEN 24 G2	C2JP4AS
HyperX OMEN 23.8 inch FHD 180Hz Gaming Monitor - OMEN 24 G2	C2JP4E9
HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q	CH0R2AA
HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q	CH0R2AS
HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q	CH0R2E9
HyperX OMEN OLED 27 inch QHD 500Hz Gaming Monitor - OMEN OLED 27qs	BY8Z1AA
HyperX OMEN OLED 27 inch QHD 500Hz Gaming Monitor - OMEN OLED 27qs	BY8Z1AS
HyperX OMEN OLED 27 inch QHD 500Hz Gaming Monitor - OMEN OLED 27qs	BY8Z1E9
OMEN 24.5inch FHD 360Hz Gaming Monitor - OMEN 25	BG1M4AA
OMEN 24.5inch FHD 360Hz Gaming Monitor - OMEN 25	BG1M4E9
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K1AA
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K1AS
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K1E9
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K2A6
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K2AA
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H6AA
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H6AS
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H6E9
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H7A6
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H7AA
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V0AA
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V0AS
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V0E9
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V1A6
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V1AA
OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4C1AA
OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4C1AS
OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4C1E9
OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4E7A6

OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4E7AA	
OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA	
OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181E9	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780D9AA	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780D9AS	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780D9E9	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780F0A6	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780F0AA	
OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27	780F9AA	
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5AA	obsolete
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5AS	obsolete
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5E9	obsolete
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G6AA	
OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q	780H4AA	
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AA	
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8AA	
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8AS	
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G8E9	
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G9AA	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6AA	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6AS	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6E9	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K7A6	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K7AA	
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K0AA	
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K0AS	
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K0E9	
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K1AA	
OMEN by HP 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x	99Z68AA	
OMEN by HP 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x	99Z68AS	
OMEN by HP 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x	99Z68E9	
OMEN by HP 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x	99Z69AA	
OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c	780K8AA	

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