



OMEN 25L Desktop - GT12-0720nf (1TON0EA)



Overview

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 power processor and graphics, you can play day one. And with being easy to upgrade and 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'll carry you far. Plus, with a large front fan and raised feet it's made to stay cool so you can focus on trying to win.

Actually, looks do matter

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.

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 do you.

Features



Windows 10

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



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]



Effortlessly connected

Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5.^[4]



NVIDIA® GeForce RTX™ 2080 SUPER graphics

Powered by award-winning NVIDIA Turing™ architecture, experience gaming power like never before. Enjoy ultra-fast 4K gaming and new levels of realism with rapid memory, high clocks and more cores.



McAfee® LiveSafe™

Free 12-month subscription of McAfee® LiveSafe™ service included. McAfee® LiveSafe™ service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.^[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.

[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 the 12 month.

[4] 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. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where the Wi-Fi 6 (802.11ax) will be disabled and downgraded to 802.11ac by the Intel's DRS solution.

Specifications

Form factor	microATX
Operating system	Windows 10 Home 64
Product color	Shadow black front bezel, dark chrome logo, glass side panel
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10400 (2.9 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) ^[6,7]
Chipset	Intel® H470
Memory	HyperX® 16 GB DDR4-2666 XMP RGB SDRAM (2 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Hard drive (2nd)	1 TB 7200 rpm SATA HDD
Audio features	5.1 surround sound; DTS Headphone:X™ support
Minimum dimensions (W x D x H)	16.5 x 36.9 x 43.3 cm
Minimum dimensions (W x D x H)	6.5 x 15.53 x 17.05 in
Weight	11.46 kg
Weight	25.26 lb
Video connectors	1 HDMI 2.0; 3 DisplayPort™; 1 Virtual Link (USB Type-C™)
Ports	2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 microphone; 1 headphone/microphone combo
Expansion slots	3 M.2; 1 PCIe x16
Ports	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
Package dimensions (W x D x H)	48 x 29.9 x 54.2 cm
Package weight	14.62 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power supply type	500 W Bronze efficiency power supply
Security management	Kensington MicroSaver lock slot
Pre-installed software	Netflix
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	195122601959

Additional specifications

ECC memory	No
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 2080 Super™ (8 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	GeForce
Graphics card memory size uom	GB
I/O Port location	Rear
I/O Port location	Top
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	16 GB memory; 1 TB HDD storage; 256 GB SSD storage
Memory brand	HyperX®
Memory layout (slots & size)	2 x 8 GB
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Model Number	RTX 2080
Number of memory slots	2
Package dimensions (W x D x H)	18.9 x 11.77 x 21.34 in
Package weight	32.23 lb
Processor Brand	Intel®
Processor base frequency	2.9
Processor base frequency uom	GHz
Processor core	6
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	4.3
Processor maximum frequency uom	GHz
Processor model	10400
Processor speed	2.9 GHz

Processor threads	12
Product brand name	HP
Storage type	SSD; HDD

[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.

[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.

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

Audio/Multimedia and Communication Devices

★ : Recommended

Headsets

OMEN by HP Mindframe Prime Headset	6MF35AA ★	
Omen X by HP Mindframe Headset	3XT27AA ★	
OMEN by HP Headset 800	1KF76AA ★	
HP Bluetooth Headset 400	2ZW81AA	
HP Bluetooth Headset 400	2ZW82AA	
HP Boom Mic Headset 150	2EM62AA	
HP Earbuds Black Headset 150	X7B04AA	
HP H2800 Black Headset	J8F10AA	
HP In-Ear Headphone 100	1KF54AA	
HP In-Ear Headphone 100	1KF55AA	
HP In-Ear Headphone 100	1KF56AA	
HP In-Ear Headset 150	2AP90AA	
HP In-Ear Headset 150	2AP91AA	
HP In-Ear Headset 150	2AP92AA	
HP In-Ear Headset 150	2AP93AA	
HP On-Ear Headphone 200	2VB08AA	
HP On-Ear Headphone 200	2VB09AA	obsolete
HP On-Ear Headphone 200	2VB10AA	obsolete
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 400	4BX32AA	obsolete
HP Pavilion Gaming Headset 600	4BX33AA	
HP Pavilion Gaming Headset 600	5RY19AA	
HP Stereo Headset H2800	2AP94AA	
HP Stereo Headset H2800	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	

Headphones

HP Black Doha In-Ear Headset 150	Z3M53AA	
OMEN Dyad Earbuds	8JE67AA	

Speakers

HP Gaming Speakers X1000

8PB07AA

Keyboards/Mice and Input Devices

Mice

OMEN by HP Outpost Mousepad

6CM14AA ★

OMEN by HP Photon Wireless Mouse

6CL96AA ★

OMEN by HP Mouse Pad 300

1MY15AA ★

OMEN by HP Reactor Mouse

2VP02AA ★

OMEN by HP Hard Mouse Pad 200

2VP01AA ★

OMEN by HP Mouse 600

1KF75AA ★

HP 201 Silver Wireless Mouse

3DH83AA

obsolete

HP Bluetooth Travel Mouse

6SP25AA

HP Bluetooth® Mouse 250

6CR73AA

HP Bluetooth® Mouse Z5000

2HW67AA

HP Dual Mode Mouse

6CR71AA

HP ENVY Rechargeable Mouse 500

2LX92AA

HP ENVY Rechargeable Mouse 500

2WX69AA

HP Elite Presenter Mouse

3YF38AA

HP Pavilion Gaming Mouse 200

5JS07AA

HP Pavilion Gaming Mouse 300

4PH30AA

HP Pavilion Gaming Mouse 300

4PH31AA

HP Pavilion Gaming Mouse Pad 300

4PZ84AA

HP Pavilion Gaming Mouse Pad 400

5JH72AA

HP Retractable Wired Mouse 100

6GJ71AA

HP Spectre Bluetooth Mouse 500

1AM57AA

obsolete

HP Spectre Bluetooth Mouse 500

1AM58AA

HP Spectre Rechargeable Mouse 700

3NZ70AA

HP Spectre Rechargeable Mouse 700

3NZ71AA

HP Spectre Rechargeable Mouse 700

4YH33AA

HP Spectre Rechargeable Mouse 700

4YH34AA

HP Spectre Rechargeable Mouse 700

5VD59AA

HP Wired Mouse 100

6VY96AA

HP Wired Mouse 1000

4QM14AA

HP Wireless Mouse 200

2HU82AA

HP Wireless Mouse 200	2HU83AA	
HP Wireless Mouse 200	2HU84AA	
HP Wireless Mouse 200	2HU85AA	
HP Wireless Mouse 200	2VY31AA	
HP Wireless Mouse 200	2VY33AA	
HP Wireless Mouse 200	X6W31AA	
HP Wireless Mouse 201	3XA55AA	
HP Wireless Mouse 202	2NE06AA	
HP Wireless Mouse 220	3FV66AA	
HP Wireless Mouse 220	7KX10AA	
HP Wireless Mouse 220	7KX11AA	
HP Wireless Mouse 220	7KX12AA	
HP Wireless Mouse 220 with Pouch	6JA61AA	
HP Wireless Mouse 220 with Pouch	6JA62AA	
HP Wireless Mouse 220 with Pouch	6JA63AA	
HP Wireless Mouse 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse X3000	2HW68AA	obsolete
HP Wireless Mouse X3000	2HW69AA	
HP Wireless Mouse Z3700	4QF62AA	obsolete
HP Wireless Mouse Z3700	4VY81AA	
HP Wireless Mouse Z3700	4VY82AA	
HP Wireless Mouse Z3700	6SD49AA	
HP Wireless Mouse Z3700	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z4000	2HW66AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 Wireless Mouse	H2C22AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	
HP Z3200 Black Wireless Mouse	JOE44AA	

HP Z3200 White Wireless Mouse	E5J19AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 Forest Teal Wireless Mouse	171D9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	VOL82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	VOL80AA
HP Z5000 Bluetooth Mouse	E5C13AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA
OMEN Vector Essential Mouse	8BC52AA
OMEN by HP Mouse 400	3ML38AA
OMEN by HP Mouse Pad 100	1MY14AA
OMEN by HP Mouse Pad 200	3ML37AA
OMEN by HP Reactor Mouse	7ZF19AA

Keyboards

OMEN by HP Sequencer Keyboard	2VN99AA ★
OMEN by HP Encoder Keyboard	6YW76AA ★
OMEN by HP Keyboard 1100	1MY13AA ★
HP Classic Wired Keyboard	WZ972AA
HP K1500 Keyboard	H3C52AA
HP K1500 Keyboard	J8F16AA
HP K2500 Wireless Keyboard	E5E77AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 500	3VN40AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Gaming Keyboard 800	5JS06AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 400	4XL88AA
HP Pavilion Wireless Keyboard 600	4CE98AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Spectre Rechargeable Keyboard 1000	2ER92AA
OMEN by HP Encoder Keyboard	6YW75AA

Keyboard and Mouse Kits

HP C2500 Desktop	H3C53AA	
HP C2500 Desktop	J8F15AA	
HP C2710 Combo Keyboard	M7P30AA	
HP Pavilion Keyboard and Mouse 200	9DF28AA	
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP Pavilion Wireless Keyboard and Mouse 600	3ML05AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA	
HP Wired Keyboard and Mouse 160	6HD76AA	
HP Wireless Keyboard and Mouse 200	Z3Q63AA	obsolete
HP Wireless Keyboard and Mouse 250	6JU16AA	
HP Wireless Keyboard and Mouse 300	3ML04AA	

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA	
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Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA	
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP Spectre USB-C Travel Dock	Z5R85AA	
HP USB Type-C to RJ45 Adapter	V8Y76AA	
HP USB-C Dock	YOK80AA	
HP USB-C to Multi-port Hub	1BG94AA	
HP USB-C to USB 3 Adapter	P7Z56AA	obsolete
HP USB-C to USB-A Hub	Z8W90AA	
HP USB-C to VGA Display Adapter	P7Z54AA	

Docking and Port Replicators

Docking Stations

PC Drives and Storage

PC DVD+RW Drives

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