



OMEN 30L Desktop GT13-1004nu PC (4P504EA)



Overview

Ready When You Are

Behold your new best friend, your partner in play, your compadre in competition, the OMEN 30L Desktop PC packs a staggeringly fast AMD processor with an advanced graphics card, so you can play on your level and look good while you're doing it. Just open the box and close in on the competition before you can say "dang, I'm good."



Let's Play, Real Quick

The OMEN 30L Gaming Desktop PC lives for the thrill of the chase, never leaves a friend behind, and makes a mean midnight snack of action and adventure. Meet your new best friend, packing a powerful AMD processor and advanced graphics card. And meet your new biggest fan, it's the one on the front keeping everything cooler than cool.

Cool Never Looked So Hot

Sure, it's what's inside that counts, but it's what's outside that gets the looks. With tempered glass front and side panels, a full-metal frame, and complete RGB control, we made this PC for people who know that style points count on the final scoreboard of life.



Do How You Do

OMEN Gaming Hub's growing list of customization and optimization features gives you the power to dial-in your game and tailor-make your mark. With OMEN Light Studio, you can tailor make everything with your mark.

Features



AMD Ryzen™ 5000 Series Desktop Processor

Whether you are playing the latest games, designing the next skyscraper, or crunching scientific data, you need a powerful processor that can handle it all—and more. Hands down, the AMD Ryzen 5000 Series desktop processors set the bar for gamers and artists alike.^[1]



HyperX® DDR4 memory

With up to 16 GB of fast HyperX® DDR4-3200 RAM, everything from multitasking to playing games gets a performance boost.



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.^[2]



5.1 Surround Sound output

With all the necessary ports for true 5.1 surround sound, give your favorite movies, shows, or music more nuanced, immersive sound quality, just by hooking up a surround sound speaker setup.



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.



SuperSpeed USB Type-C® 10Gbps signaling rate only

Plug in your external storage with this SuperSpeed USB-C™ port, featuring 10Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.^[15]

[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 is not a measurement of clock speed.

[2] 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.

[15] USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

Specifications

Form factor	microATX
Operating system	FreeDOS
Product color	Shadow black glass front bezel, glass side panel, dark chrome logo
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 5800X (3.8 GHz base clock, up to 4.7 GHz max boost clock, 32 MB L3 cache, 8 cores) ^[6,7]
Chipset	AMD B550
Memory	HyperX® 16 GB DDR4-RGB3200 XMP RGB MHz RAM (2 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	1 TB WD Black PCIe® NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Audio	5.1 surround sound; Omen Audio Control Support DTS:X® Ultra
Minimum dimensions (W x D x H)	16.5 x 42.2 x 43.3 cm
Minimum dimensions (W x D x H)	6.5 x 16.61 x 17.05 in
Weight	12.86 kg
Weight	28.35 lb
Video connectors	1 HDMI; 3 DisplayPort™
Ports	2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 microphone
Expansion slots	3 M.2; 1 PCIe x16; 1 PCIe x4
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate; 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone
Package dimensions (W x D x H)	56 x 32 x 54.2 cm
Package weight	16.08 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6 AX 200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power supply type	600 W external AC power adapter
Security management	Kensington MicroSaver lock slot

Additional specifications

Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 3070 (8 GB GDDR6 dedicated)
I/O Port location	Top
I/O Port location	Rear
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	16 GB memory; 1 TB SSD storage
Package dimensions (W x D x H)	22.05 x 12.6 x 21.34 in
Package weight	35.45 lb
Product brand name	HP
Product long name specifications	OMEN 30L Desktop GT13-1004nu PC, FreeDOS, 1TB SSD
Storage capacity 01	1
Storage capacity uom 01	TB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD

[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.

Accessories

Keyboards/Mice and Input Devices

★ : Recommended

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 Vector Mouse	8BC53AA ★
OMEN by HP Mouse Pad 100	1MY14AA ★
HP 150 Wired Mouse	240J6AA
HP 150 Wireless Mouse	2S9L1AA
HP 220 Silent Wireless Mouse	391R4AA
HP 280 Silent Wireless Mouse	19U64AA
HP 930 Creator Wireless Mouse	1DOK9AA
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse 250	6CR73AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP Dual Mode Mouse	6CR71AA
HP Dual Mode Mouse	6CR72AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Pavilion Gaming Mouse 300	4PH31AA
HP Spectre Rechargeable Mouse 700	3NZ70AA
HP Spectre Rechargeable Mouse 700	3NZ71AA
HP Spectre Rechargeable Mouse 700	4YH34AA
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	X6W31AA	
HP Wireless Mouse 220	258A1AA	
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 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse Z3700	4VY82AA	
HP Wireless Mouse Z3700	7UH87AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X1000 Mouse	H2C21AA	
HP X1500 Mouse	H4K66AA	obsolete
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 G2 Wireless Mouse	28Y30AA	
HP X3000 G2 Wireless Mouse	2C3M3AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	obsolete
HP X500 Wired Mouse	E5C12AA	
HP X500 Wired Mouse	E5E76AA	
HP Z3700 Black Wireless Mouse	26V63AA	
HP Z3700 Black Wireless Mouse	V0L79AA	
HP Z3700 Blue Wireless Mouse	V0L81AA	
HP Z3700 Camo Wireless Mouse	171D7AA	
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	V0L82AA	
HP Z3700 Silver Wireless Mouse	X7Q44AA	
HP Z3700 White Wireless Mouse	V0L80AA	
HP Z5000 Bluetooth Mouse	E5C13AA	
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA	
OMEN Vector Essential Mouse	8BC52AA	

OMEN Vector Wireless Mouse

2B349AA

Keyboards

OMEN by HP Sequencer Keyboard

2VN99AA ★

OMEN by HP Encoder Keyboard

6YW76AA ★

HP Dual Mode Keyboard 1000

18J71AA

HP K2500 Wireless Keyboard

E5E78AA

HP Keyboard 100

2UN30AA

HP Pavilion Gaming Keyboard 550

9LY71AA

HP Pavilion Gaming Keyboard 800

5JS06AA

HP Pavilion Wired Keyboard 300

4CE96AA

HP Pavilion Wireless Keyboard 600

4CE98AA

HP Pavilion Wireless Keyboard 600

4CF02AA

OMEN Spacer Wireless TKL Keyboard

9BU31AA

OMEN by HP Encoder Keyboard

6YW75AA

Keyboard and Mouse Kits

HP 150 Wired Mouse and Keyboard

240J7AA

HP 230 Wireless Mouse and Keyboard Combo

18H24AA

HP 330 Wireless Mouse and Keyboard Combination

2V9E6AA

HP C2500 Desktop

J8F15AA

HP C2710 Combo Keyboard

M7P30AA

obsolete

HP C6020 Wireless Desktop

P1F56AA

obsolete

HP Pavilion Keyboard and Mouse 200

9DF28AA

HP Pavilion Wired Keyboard and Mouse 400

4CE97AA

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 250

6JU16AA

HP Wireless Keyboard and Mouse 300

3ML04AA

Audio/Multimedia and Communication Devices

Headsets

OMEN Blast Headset

1A858AA ★

HP Bluetooth Headset 400

2ZW81AA

HP Bluetooth Headset 500

2J875AA

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 Headset 150	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 600	4BX33AA	
HP Stereo Headset H2800	2AP94AA	
HP Stereo Headset H2800	2AP95AA	obsolete
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	

Headphones

OMEN Dyad Earbuds	8JE67AA ★
HP Wireless Earbuds G2	169H9AA

Speakers

HP Black Bluetooth Speaker 350	2D802AA
HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 350	2D803AA
HP Blue Bluetooth Speaker 360	2D800AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA
HP Silver Bluetooth Speaker 360	2D801AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA	
HP USB-C to RJ45 Adapter	V7W66AA	
HP USB-C to RJ45 Adapter	V7W66UT	
HP USB-C to USB-A Hub	Z6A00AA	
HP USB-C to USB-A Hub	Z6A00UT	
HP USB-C to USB-A Hub	Z8W90AA	obsolete

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