OMEN 30L Desktop GT13-0844a PC (1V7K4AA)

Overview

Your future gaming self will thank you

It's gaming love at first sight. The OMEN 30L 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 Gaming Hub, it's crafted for the long term.

Now you can't blame your PC

Skills are half the game and with the OMEN 30L 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 tempered glass front and side panels, 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 Gaming Hub's growing list of customization and optimization features, it lets you do you.

Features

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.

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.

OMEN Gaming Hub

OMEN Gaming Hub puts you in control of custom settings for an elite gaming experience. With just a few clicks, you can safely overclock CPU and RAM, customize chassis lighting, and optimize connectivity with Network Booster and Dual Force functionality. [14]

Personalize your PC's RGB lighting

This desktop has RGB LED lighting on the chassis for customized lighting effects.[15]

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[14] Altering clock frequency and/or voltage may: (i) reduce system stability and useful life of the system, processor, and other system components; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. HP and Intel have not tested, and do not warranty, the operation of the processor beyond its specifications. HP and Intel have not tested, and do not warranty, the operation of other system components beyond their industry standard specifications. HP and Intel assume no responsibility that the processor and other system components, including if used with altered clock frequencies and/or voltages, will be fit for any particular purpose.

[15] Secure remote access requires using your Game Stream account credentials and downloading the OMEN Gaming Hub app from the Microsoft Store. Compatible with Windows 10 PCs only. Internet service required and not included.

Specifications

Form factor	microATX
Operating system	Windows 10 Home 64
Product color	Shadow black
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10700K (3.8 GHz base frequency, up to 5.1 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)[6, 7]
Chipset	Intel® Z490
Memory	HyperX® 32 GB DDR4-3200 XMP RGB MHz RAM (2 x 16 GB)
Internal Storage	1 TB WD Black PCIe® NVMe™ TLC M.2 SSD
Hard drive (2nd)	2 TB 7200 rpm SATA HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio	5.1 surround sound; DTS Headphone:X™ support
Minimum dimensions (W x D x H)	16.5 x 42.2 x 43.3 cm
Weight	12.86 kg
Video connectors	1 HDMI; 3 DisplayPort™
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 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power supply type	750 W Platinum efficiency power supply
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Security management	Kensington MicroSaver lock slot
Software included	McAfee LiveSafe™ 30-day free trial offer
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Additional specifications

Additional information about HP	http://www.hp.com
ECC memory	non-ECC
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 3080 (10 GB GDDR6X dedicated) with LHR
Graphics card brand	NVIDIA®
Graphics card family	GeForce
Graphics card memory size	10
Graphics card memory size uom	GB
Graphics card memory type	GDDR6X
I/O Port location	Top
I/O Port location	Rear
MDA key selling point	Windows 8 or other operating systems available
Memory and storage	32 GB memory; 2 TB HDD storage; 1 TB SSD storage
Memory brand	HyperX®
Memory layout (slots & size)	2 x 16 GB
Memory module type	UDIMM
Memory size	32
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Model Number	RTX™ 3080
Number of memory slots	2
Processor Brand	Intel®
Processor base frequency	3.8
Processor base frequency uom	GHz
Processor cache	16 MB L3
Processor core	8
Processor family	Core™ i7
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	5.1
Processor maximum frequency uom	GHz

Processor model	10700K
Processor threads	16
Product brand name	HP
Product long name specifications	OMEN 30L Desktop GT13-0844a PC, Windows 10 Home 64, Intel® Core™ i7, 32GB RAM, 1TB SSD, 2TB HDD, NVIDIA® GeForce RTX™ 3080
Storage capacity 01	1
Storage capacity 02	2
Storage capacity uom 01	TB
Storage capacity uom 02	TB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface 02	SATA
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage speed 02	7200
Storage speed uom 02	rpm
Storage type	SSD; HDD
Storage type 01	SSD
Storage type 02	HDD
UNSPSC code	43211507
Wireless Model	Wi-Fi 6 AX201
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®
vPro enabled	non-vPro®

Monitors

HP Home Monitors

★ : Recommended

OMEN by HP Displays

OMEN 27i Monitor	**8AC95AA ★**
OMEN X 25f 240Hz Gaming Display	**4WH47AA ★**
OMEN X 27 240Hz Gaming Monitor	**6FN07AA ★**
OMEN 25i Gaming FHD Monitor	22J06AA
OMEN by HP 25 Display	Z7Y57AA

HP Value Displays

HP 22f 22-inch Display	2XN58AA	
HP 22fw 22-inch Display	3KS60AA	
HP 22m 21.5-inch Display	3WL44AA	
HP 22x 21.5-inch Gaming Display	6ML40AA	
HP 24f 24-inch Display	2XN60AA	
HP 24fh 23.8-inch Display	4HZ37AA	
HP 24fw 24-inch Display	3KS62AA	
HP 24fw with Audio 24-inch Display	4TB29AA	
HP 24fw with Audio 24-inch Display	4TB30AA	
HP 24m 23.8-inch Display	3WL46AA	
HP 24mh 23.8-inch Display	7XM23AA	
HP 24mq 23.8-inch Display	7XM24AA	
HP 25x 24.5-inch Display	3WL50AA	
HP 27er 27-inch Display	T3M88AA	
HP 27f 27-inch 4K Display	5ZP65AA	
HP 27fh 27-inch Display	4HZ38AA	
HP 27fw 27-inch Display	3KS64AA	
HP 27fw with Audio 27-inch Display	4TB31AA	
HP 27m 27-inch Display	3WL48AA	
HP 27mq 27-inch Display	7XM25AA	
HP 27x 27-inch Display	3WL52AA	
HP 27xq 27-inch Display	3WL54AA	
HP 34f 34-inch Curved Display	6JM50AA	obsolete
HP M22f FHD Monitor	2E2Y3AA	

HP M24f FHD Monitor	2E2Y4AA
HP M24fe FHD Monitor	43G28AA
HP M24fw FHD Monitor	2E2Y5AA
HP M24fwa FHD Monitor	34Y23AA
HP M27f FHD Monitor	2H0N1AA
HP M27fe FHD Monitor	43G46AA
HP M27fq QHD Monitor	2H4B8AA
HP M27fw FHD Monitor	2H1B1AA
HP M27fwa FHD Monitor	356D6AA
HP M32f FHD Monitor	2H5N0AA
HP V28 4K Monitor	8WH59AA
HP X24c Gaming Monitor	13Q95AA
HP X27i 2K Gaming Monitor	8AG17AA

HP Home Monitors

HP M27ha FHD Monitor	35M57AA
HP U27 4K Wireless Monitor	9TQ12AA
HP U28 4K HDR Monitor	1Z979AA
HP V19e HD Monitor	25Y25AA
HP V20 HD+ Monitor	1H849AA
HP V21 FHD Monitor	9TN58AA
HP V22 FHD Monitor	9SV79AA
HP V22v FHD Monitor	450M4AA
HP V24i FHD Monitor	9RV16AA
HP X24ih Gaming Monitor	13L82AA
HP X27 FHD Gaming Monitor	2V6B3AA
HP X27c FHD Gaming Monitor	32G12AA
HP X27q QHD Gaming Monitor	2V7U4AA
HP X27qc QHD Gaming Monitor	32H01AA
HP X32 QHD Gaming Monitor	2V7V3AA
HP X32c FHD Gaming Monitor	33K30AA
HP X34 WQHD Gaming Monitor	2V7W5AA

Pavilion Displays

HP Pavilion 27q Display	1HR73AA	obsolete
HP Pavilion 32 QHD 32-inch Display	4WH45AA	

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 430 Multi-Device Wireless Mouse	3B4Q2AA
HP 930 Creator Wireless Mouse	1D0K9AA
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse 250	6CR73AA
HP Dual Mode Mouse	6CR71AA
HP ENVY Rechargeable Mouse 500	2LX92AA
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 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	3FV66AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	4VY82AA
HP Wireless Mouse Z4000	H5N61AA
HP X220 Backlit Gaming Mouse	8DX48AA
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 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
OMEN by HP Hard Mouse Pad 200	2VP01AA

Keyboards

OMEN by HP Sequencer Keyboard	**2VN99AA ★**
OMEN by HP Encoder Keyboard	**6YW76AA ★**
HP Dual Mode Keyboard 1000	18J71AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Gaming Keyboard 800	5JS06AA
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 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 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 Stereo Headset H2800	2AP94AA
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

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

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 USB-A Hub	Z6A00AA

Docking and Port Replicators

Docking Stations

HP USB-C Dock G5	5TW10AA

Services

HP Care Pack Services

★ : Recommended

Personal Systems Consumer Care Pack Services

HP 1 year 3 day Onsite Response for Consumer Desktop Hardware Support	UA047E
HP 1 year Next Business Day Onsite Desktop Service	U6415E
HP 1 year Post Warranty Pickup and Return Desktop Service	UH799PE
HP 3 years 3 day Onsite Desktop Service	UM923E
HP 3 years Pickup and Return Desktop Service	UC994E

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See http://www.microsoft.com.

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