HP Pavilion Gaming Desktop PC TG01-0000i (8BG55AV) (2D6L5EA)

Overview

Made for everyday mischief

Get ready to game on your terms. This powerful rig is built to keep up with the games of today and tomorrow. Beneath its compact and sleek exterior, you will find all the performance you need to play with confidence and room to expand and upgrade.

Powerful graphics

Power the latest games with smooth and responsive visuals. Discrete graphics ensure this machine easily runs your favorite gaming titles.

High-speed performance

Play, create and multi-task with a powerful CPU. An enhanced thermal solution keeps your tower cool and quiet even when running demanding games and apps.

Customizable and compact design

This sleek, space-saving tower allows you to expand with a robust power supply ready for component upgradability. With customizable LED lights, and up to 9 USB ports for your peripherals – you've got the freedom to play your way.

Features

Windows 10

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

10th Gen Intel® Desktop Processors

Outstanding 10th Gen Intel® Core™ processor performance easily keeps up with all your multimedia demands. Delivering enhanced 4K display capabilities with HDR support and optional ultra-fast Wi-Fi 6 options, tackle your tasks with no interruptions.[2]

NVIDIA® GeForce® GTX 1650 graphics (Desktop)

With the all-new NVIDIA Turing™ architecture, gaming and streaming will never be the same. Get all the power you need for fast, smooth, power-efficient performance from NVIDIA® GeForce® GTX 1650.

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 128 GB PCIe SSD storage.

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.

SuperSpeed USB Type-A 5Gbps signaling data rate

Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate. [3]

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[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] Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. Graphics output may be limited based on the maximum resolution of the display. Graphics output may be limited based on the maximum resolution of the display.

[3] Actual throughput may vary.

Specifications

Form factor	MiniITX
Operating system	Windows 10 Home 64
Product color	Shadow black front bezel, acid green chrome logo
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10400F (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	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Memory Slots	2 DIMM
Internal Storage	128 GB PCIe® NVMe™ M.2 SSD
Hard drive (2nd)	1 TB 7200 rpm SATA HDD
Memory card device	HP 3-in-1 Media Card Reader
Audio features	5.1 surround sound
Minimum dimensions (W x D x H)	15.54 x 30.7 x 33.74 cm
Minimum dimensions (W x D x H)	6.12 x 12.09 x 13.28 in
Weight	5.96 kg
Weight	13.12 lb
Keyboard	USB black wired keyboard
Pointing device	USB Black wired mouse
Video connectors	1 HDMI 2.0;1 DVI-D
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 4 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Expansion slots	1 PCIe x1; 1 PCIe x16; 2 M.2
Ports	4 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone-in; 1 RJ-45
Package dimensions (W x D x H)	49.9 x 40 x 28.7 cm
Package weight	8.2 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power supply type	310 W Gold efficiency power supply
Security management	Kensington Security 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	195161264047

Additional specifications

Bluetooth version	Bluetooth® 5
ECC memory	No
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce® GTX 1650 (4 GB GDDR5 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	GeForce®
Graphics card memory size	4
Graphics card memory size uom	GB
Graphics card memory type	GDDR5
I/O Port location	Front
I/O Port location	Rear
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 2 TB HDD storage; 128 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Model Number	GTX 1650
Number of memory slots	1
Package dimensions (W x D x H)	19.65 x 15.75 x 11.3 in
Package weight	18.08 lb
Processor Brand	Intel®
Processor base frequency	2.9
Processor base frequency uom	GHz
Processor cache	12 MB L3
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	10400F
Processor speed	2.9 GHz
Processor threads	12
Product brand name	HP
Storage capacity 01	128
Storage capacity 02	1
Storage capacity uom 01	GB
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 speed 01	7200
Storage speed 02	7200
Storage speed uom 01	rpm
Storage speed uom 02	rpm
Storage type	SSD; HDD
Storage type 01	SSD
Storage type 02	HDD
UNSPSC code	43211507
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

Accessories

Cases and Covers

★ : Recommended

Backpacks

HP Pavilion Gaming Backpack 500	6EU58AA ★

Audio/Multimedia and Communication Devices

Headsets

HP Pavilion Gaming Headset 600	4BX33AA ★	
HP Pavilion Gaming Headset 400	4BX31AA ★	
HP Bluetooth Headset 400	2ZW81AA	
HP Bluetooth Headset 400	2ZW82AA	obsolete
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 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 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 Frequency Wireless Headset	9FL60AA	
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	
Omen X by HP Mindframe Headset	3XT27AA	

Speakers

HP Gaming Speakers X1000	8PB07AA

Headphones

OMEN Dyad Earbuds	8JE67AA

Keyboards/Mice and Input Devices

Keyboards

HP Pavilion Gaming Keyboard 800	**5JS06AA ★**
HP Pavilion Gaming Keyboard 500	**3VN40AA ★**
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 550	9LY71AA
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 Spacer Wireless TKL Keyboard	9BU31AA
OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Keyboard 1100	1MY13AA
OMEN by HP Sequencer Keyboard	2VN99AA

Mice

HP Pavilion Gaming Mouse 300	**4PH30AA ★**
HP Pavilion Gaming Mouse 200	**5JS07AA ★**
HP Pavilion Gaming Mouse Pad 400	**5JH72AA ★**
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 300	4PH31AA
HP Pavilion Gaming Mouse Pad 300	4PZ84AA
HP Retractable Wired Mouse 100	6GJ71AA
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	2HW69AA
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	7UH87AA
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	J0E44AA
HP Z3200 White Wireless Mouse	E5J19AA
HP Z3700 Black Wireless Mouse	V0L79AA
HP Z3700 Blue Wireless Mouse	V0L81AA
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 Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA
OMEN by HP Hard Mouse Pad 200	2VP01AA
OMEN by HP Mouse 400	3ML38AA
OMEN by HP Mouse 600	1KF75AA
OMEN by HP Mouse Pad 100	1MY14AA
OMEN by HP Mouse Pad 200	3ML37AA
OMEN by HP Mouse Pad 300	1MY15AA
OMEN by HP Outpost Mousepad	6CM14AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA

OMEN by HP Reactor Mouse	7ZF19AA

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 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

HP Home Monitors

★ : Recommended

HP Value Displays

HP 19ka 18.5-inch Monitor	T3U81AA
HP 19ka 18.5-inch Monitor	T3U82A6
HP 19ka 18.5-inch Monitor	T3U82AA
HP 20kd 19.5-inch Monitor	T3U83AA
HP 20kd 19.5-inch Monitor	T3U84AA
HP 20kh 19.5-inch Display	3WK96A6
HP 20kh 19.5-inch Display	3WK96AA
HP 21kd 20.7-inch Monitor	T3U85AA
HP 22er 21.5-inch Display	T3M72AA
HP 22f 22-inch Display	2XN58AA
HP 22f 22-inch Display	3AJ92AA
HP 22fw 22-inch Display	3KS60AA
HP 22fw 22-inch Display	3KS61AA
HP 22m 21.5-inch Display	3WL44AA
HP 22m 21.5-inch Display	3WL45AA
HP 22uh 21.5-inch LED Backlit Monitor	L3N74AA
HP 22w 21.5-inch Display	1CA83AA
HP 22w 21.5-inch Display	1CA84AA
HP 22x 21.5-inch Gaming Display	6ML40AA
HP 22y 21.5-inch Display	1PX47AA
HP 22y 21.5-inch Display	2YV09AA
HP 22yh Display	2QU11AA
HP 22yh Display	2QU15AA
HP 23er 23-inch Display	T3M76AA
HP 23f 23-inch Display	2XN59AA
HP 23f 23-inch Display	3AK97AA
HP 24ea 23.8-inch IPS Display	X6W26AA
HP 24ec 23.8-inch Display	1LU21AA
HP 24es 23.8-inch Display	T3M79AA
HP 24f 24-inch Display	2XN60AA

HP 24f 24-inch Display	3AL28AA
HP 24fh 23.8-inch Display	4HZ37AA
HP 24fh 23.8-inch Display	5JB78AA
HP 24fw 24-inch Display	3KS62AA
HP 24fw 24-inch Display	3KS63AA
HP 24fw 24-inch Display	5VU10AA
HP 24fw 24-inch Display	6NB66AA
HP 24fw with Audio 24-inch Display	4TB29AA
HP 24fw with Audio 24-inch Display	4TB30AA
HP 24m 23.8-inch Display	3WL46AA
HP 24m 23.8-inch Display	3WL47AA
HP 24m 23.8-inch Display	5SQ52AA
HP 24o 24-inch LED Backlit Monitor	6NB98AA
HP 24o 24-inch LED Backlit Monitor	X0J60AA
HP 24uh 24-inch LED Backlit Monitor	K5A38AA
HP 24w 23.8-inch Display	1CA86AA
HP 24w 23.8-inch Display	1CA87AA
HP 24x 23.8-inch Gaming Display	5ZU98AA
HP 24x 23.8-inch Gaming Display	5ZU99AA
HP 24y 23.8-inch Display	1PX48AA
HP 24y 23.8-inch Display	2YV10AA
HP 24yh 23.8-inch Display	3UA73AA
HP 25er 25-inch Display	T3M84AA
HP 25f 25-inch Display	2XN61AA
HP 25f 25-inch Display	3AL43AA
HP 25mx 24.5-inch Display	4JF31AA
HP 25x 24.5-inch Display	3WL50AA
HP 25x 24.5-inch Display	3WL51AA
HP 27 Curved Display	Z4N74AA
HP 27b Curved Display	1AT04AA
HP 27ec 27-inch Display	X3W26AA
HP 27er 27-inch Display	T3M88AA
HP 27f 27-inch 4K Display	5ZP65AA
HP 27f 27-inch 4K Display	5ZP66AA
HP 27f 27-inch Display	2XN62AA
HP 27f 27-inch Display	3AL61AA

HP 27fh 27-inch Display	4HZ38AA
HP 27fh 27-inch Display	5JB79AA
HP 27fw 27-inch Display	3KS64AA
HP 27fw 27-inch Display	3KS65AA
HP 27fw 27-inch Display	3MP91AA
HP 27fw 27-inch Display	6NB70AA
HP 27fw with Audio 27-inch Display	4TB31AA
HP 27fw with Audio 27-inch Display	4TB32AA
HP 27m 27-inch Display	3WL48AA
HP 27m 27-inch Display	3WL49AA
HP 27mx 27-inch Display	4KK74AA
HP 27o Display	1CA81A7
HP 27q 27-inch Display	3FV90AA
HP 27qi 27-inch Display	4AD14AA
HP 27qi 27-inch Display	4AD15AA
HP 27sv 27-inch LED Backlit Monitor	M4B77A9
HP 27w 27-inch Display	1JJ98AA
HP 27w 27-inch Display	1JJ99AA
HP 27wm 27-inch LED Backlit Monitor	V9D84AA
HP 27x 27-inch Display	3WL52AA
HP 27x 27-inch Display	3WL53AA
HP 27x Curved Display	1AT01AA
HP 27x Curved Display	7MW42AA
HP 27xq 27-inch Display	3WL54AA
HP 27xq 27-inch Display	3WL55AA
HP 27y 27-inch Display	2GB27AA
HP 27y 27-inch Display	2YV11AA
HP 27yh 27-inch Display	3UA74AA
HP 32 Display	2FW77AA
HP 32 Display	5SQ41AA
HP 32s Display	2UD96AA
HP 34f 34-inch Curved Display	6JM50AA
HP 34f 34-inch Curved Display	6JM51AA
HP VH240a Display	2DS80AA

ENVY Displays

HP ENVY 27 27-inch Display	W5A12AA
HP ENVY 34 34-inch Display	W3T65AA

Pavilion Displays

HP Pavilion 22cwa 21.5-inch IPS LED Backlit Monitor	T4Q59AA
HP Pavilion 27 27-inch Display	3TN79AA
HP Pavilion 27 27-inch Display	4WK67AA
HP Pavilion 27 Quantum Dot 27-inch Display	5DQ99AA
HP Pavilion 27 Quantum Dot 27-inch Display	5DR00AA
HP Pavilion 27q Display	1HR73AA
HP Pavilion 27xw 27-inch IPS LED Backlit Monitor	V0N26AA
HP Pavilion 32 32-inch Display	V1M69AA
HP Pavilion 32 QHD 32-inch Display	4WH45AA
HP Pavilion Gaming 32 HDR Display	3BZ12AA

OMEN by HP Displays

OMEN X 25 240Hz Gaming Display	4NK94AA
OMEN X 25 240Hz Gaming Display	4NK95AA
OMEN X 25f 240Hz Gaming Display	4WH47AA
OMEN X 25f 240Hz Gaming Display	4WH48AA
OMEN X 27 240Hz Gaming Monitor	6FN07AA
OMEN X 27 240Hz Gaming Monitor	6FN08AA
OMEN X Emperium 65-inch Big Format Gaming Display	4JF30AA
OMEN X Emperium 65-inch Big Format Gaming Display	4WY70AA
OMEN X Emperium 65-inch Big Format Gaming Display	5HE40AA
OMEN by HP 25 Display	Z7Y57A9
OMEN by HP 25 Display	Z7Y57AA
OMEN by HP 32 32-inch Display	W9S97AA

Software

Application Software

★ : Recommended

Desktop Application Software

MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA
MS Office Home and Student 2019 for PC 6MW81AA	6MW81AA
Microsoft Office 365 Business Premium 6MW80AA	6MW80AA
Microsoft Office 365 Home 6MW78AA	6MW78AA
Microsoft Office 365 Personal 6MW79AA	6MW79AA

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