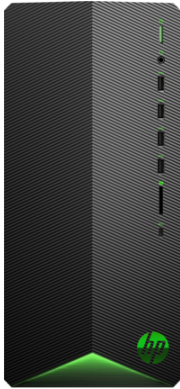




# HP Pavilion Gaming Desktop TG01-2003nu Bundle PC (456K0EA)



## Overview

### Power for the win

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.



### Customizable and compact design

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



### High-speed performance

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

## Features



### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.



### 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.

### Built to last

Life can be unpredictable, but your HP desktop shouldn't be. Backed by over 230 individual tests, our desktops go through it all to deliver durability you can trust and reliability you can count on.<sup>[14]</sup>



### 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. [1]

### DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

### 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.

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[1] Actual throughput may vary.

[14] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

## Specifications

<b>Form factor</b>	Customized
<b>Operating system</b>	FreeDOS
<b>Processor family</b>	11th Generation Intel® Core™ i7 processor
<b>Processor</b>	Intel® Core™ i7-11700F (2.5 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) <sup>[6]</sup>
<b>Chipset</b>	Intel® RKL H570
<b>Memory</b>	16 GB DDR4-2933 MHz RAM (1 x 16 GB)
<b>Memory Slots</b>	2 DIMM
<b>Internal Storage</b>	512 GB PCIe® NVMe™ M.2 SSD
<b>Memory card device</b>	HP 3-in-1 memory card reader
<b>Audio features</b>	5.1 surround sound
<b>Minimum dimensions (W x D x H)</b>	15.54 x 30.3 x 33.74 cm
<b>Minimum dimensions (W x D x H)</b>	6.12 x 11.93 x 13.28 in
<b>Weight</b>	5.96 kg
<b>Weight</b>	13.14 lb
<b>Keyboard</b>	USB green wired keyboard and mouse combo
<b>Video connectors</b>	1 DVI; 1 HDMI
<b>Ports</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
<b>Expansion slots</b>	2 M.2; 1 PCIe x16; 1 PCIe x1
<b>Ports</b>	4 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone; 1 RJ-45
<b>Package dimensions (W x D x H)</b>	49.9 x 40 x 28.7 cm
<b>Package weight</b>	8.2 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, vPro®
<b>Power supply type</b>	400 W Smart AC power adapter
<b>Security management</b>	Kensington MicroSaver lock slot

## Additional specifications

<b>ECC memory</b>	No
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce RTX™ 3060 Ti (8 GB GDDR6 dedicated)
<b>I/O Port location</b>	Rear
<b>I/O Port location</b>	Front
<b>MDA key selling point</b>	Windows 10 Home or other operating systems available
<b>Memory and storage</b>	16 GB memory; 512 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	1 x 16 GB
<b>Memory module type</b>	UDIMM
<b>Memory size</b>	16
<b>Memory size uom</b>	GB
<b>Memory speed</b>	2933
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	DDR4
<b>Number of memory slots</b>	1
<b>Package dimensions (W x D x H)</b>	19.65 x 15.75 x 11.3 in
<b>Package weight</b>	18.08 lb
<b>Product brand name</b>	HP
<b>Storage capacity 01</b>	512
<b>Storage capacity uom 01</b>	GB
<b>Storage form factor 01</b>	M.2
<b>Storage interface 01</b>	PCIe®
<b>Storage interface protocol 01</b>	NVMe™
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD

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*[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.*

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## Accessories

### Keyboards/Mice and Input Devices

★ : Recommended

#### Keyboards

HP Pavilion Gaming Keyboard 800	5JS06AA ★
HP Pavilion Gaming Keyboard 550	9LY71AA ★
HP Dual Mode Keyboard 1000	18J71AA
HP K1500 Keyboard	H3C52AA
HP K2500 Wireless Keyboard	E5E78AA
HP Keyboard 100	2UN30AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 600	4CE98AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Wireless Elite v2 Keyboard	QB467AA
OMEN Spacer Wireless TKL Keyboard	9BU31AA
OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Sequencer Keyboard	2VN99AA

#### Mice

HP Pavilion Gaming Mouse 300	4PH30AA ★
HP Pavilion Gaming Mouse Pad 400	5JH72AA ★
HP Pavilion Gaming Mouse 200	5JS07AA ★
HP Pavilion Gaming Mouse Pad 300	4PZ84AA ★
HP 150 Wired Mouse	240J6AA
HP 150 Wireless Mouse	2S9L1AA
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 Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 300	4PH31AA
HP Silver 930 Creator Wireless Mouse	1DOK9AA
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 Wireless Silent 280M Mouse	19U64AA
HP X1000 Mouse	H2C21AA
HP X1500 Mouse	H4K66AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X3000 G2 Wireless Mouse	28Y30AA
HP X3000 G2 Wireless Mouse	2C3M3AA
HP X3000 Wireless Mouse	H2C22AA
HP X4500 Wireless (Black) Mouse	H2W16AA
HP X500 Wired Mouse	E5C12AA
HP X500 Wired Mouse	E5E76AA
HP Z3200 Black Wireless Mouse	JOE44AA
HP Z3200 White Wireless Mouse	E5J19AA
HP Z3700 Black Wireless Mouse	26V63AA

HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
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	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 Vector Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA
OMEN by HP Hard Mouse Pad 200	2VP01AA
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

## Keyboard and Mouse Kits

HP 150 Wired Mouse and Keyboard	240J7AA
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP C2500 Desktop	H3C53AA
HP C2500 Desktop	J8F15AA
HP C2600 Keyboard and Mouse Combo	J2X04AA
HP C2710 Combo Keyboard	M7P30AA
HP C6020 Wireless Desktop	P1F56AA
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 Classic Desktop	LV290AA
HP Wireless Classic v2 Desktop	V4L73AA
HP Wireless Elite v2 Desktop Keyboard (USB Wireless Nano Receiver with Mouse)	QB355AA
HP Wireless Keyboard and Mouse 250	6JU16AA
HP Wireless Keyboard and Mouse 300	3ML04AA

## Audio/Multimedia and Communication Devices

### Headsets

HP X1000 Wireless Gaming Headset	7HC43AA ★
HP Pavilion Gaming Headset 400	4BX31AA ★
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 600	4BX33AA
HP Stereo Headset H2800	2AP94AA
HP Stereo Headset H2800	2AP95AA
OMEN Blast Headset	1A858AA
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 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



## Headphones

HP Wireless Earbuds G2	169H9AA
OMEN Dyad Earbuds	8JE67AA

## 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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## Batteries/Chargers/Adapters

### Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter	2PC54AA
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## Docking and Port Replicators

### Docking Stations

HP Spectre USB-C Travel Dock	2SR85AA
HP Thunderbolt Dock 120W G2	2UK37AA
HP Thunderbolt Dock 120W G2	2UK37ET
HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA
HP USB-C Dock	YOK80AA
HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA
HP USB-C Dock G5	5TW10ET
HP USB-C Dock G5	5TW10UT

## 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 HDMI 2.0	1WC36AA
HP USB-C to HDMI 2.0	1WC36UT
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
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

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