



# HP OMEN GT21-0010na AMD Ryzen™ 5 5600X 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Ti Windows 11 Home Tower PC Black

Brand : HP

Product family: OMEN

Product code: 65Q03EA

Product name : GT21-0010na

- AMD Ryzen™ 5 5600X (up to 4.6 GHz max boost clock, 32 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- NVIDIA® GeForce RTX™ 3060 Ti (8 GB GDDR6 dedicated) with LHR
- 16 GB memory; 1 TB SSD storage

OMEN 40L Desktop GT21-0010na PC, Windows 11 Home, AMD Ryzen™ 5, 16GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 3060 Ti

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The power to elevate your game

The OMEN by HP 40L Gaming Desktop is the ultimate companion on your gaming journey. Powered by the latest AMD processor<sup>(1)</sup> and advanced graphics, the OMEN Desktop has a superior cooling system that prevents overheating. Designed for easy tool-less upgradeability, the OMEN Desktop will give you the top-tier performance to meet your gaming needs.



Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor family *	AMD Ryzen™ 5	DisplayPorts quantity	3
Processor model *	5600X	Ethernet LAN (RJ-45) ports	1
Processor cores	6	Microphone in	✓
Processor threads	12	Headphone outputs	1
Processor boost frequency	4.6 GHz	Line-out	✓
Processor frequency *	3.7 GHz	Line-in	✓
Processor cache	32 MB	Combo headphone/mic port	✓
Processor cache type	L3		
Memory		Design	
Internal memory *	16 GB	Chassis type *	Tower
Internal memory type	DDR4-SDRAM	Colour name	Black, glass side panel, dark chrome logo
Memory layout (slots x size)	2 x 8 GB	Placement supported	Vertical
Memory slots	4x DIMM	Water cooling system	✓
Memory clock speed	3733 MHz	Cable lock slot	✓
ECC	✓	Cable lock slot type	Kensington
Non-ECC	✓	Product colour *	Black
Internal memory manufacturer	HyperX	RGB memory lighting	✓
Storage		Introduction year	2021
Total storage capacity *	1 TB	Country of origin	China
Storage media *	SSD		
Optical drive type *	✗	Performance	
Number of storage drives installed	1	Market positioning	Gaming

<b>Storage</b>		<b>Performance</b>	
Total SSDs capacity	1 TB	Motherboard chipset	AMD B550
Number of SSDs installed	1	Motherboard form factor	micro ATX
SSD capacity	1 TB	Audio system	DTS:X Ultra
SSD memory type	TLC	Audio output channels	5.1 channels
SSD interface	PCI Express, NVMe	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on, User
SSD form factor	M.2	Product type *	PC
<b>Graphics</b>		<b>Software</b>	
Discrete graphics card *	✓	Operating system installed *	Windows 11 Home
Discrete GPU manufacturer	NVIDIA		ExpressVPN (30 day free trial);
On-board graphics card *	✓	Pre-installed software	LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee LiveSafe™
Discrete graphics card model *	NVIDIA GeForce RTX 3060 Ti		
Discrete graphics card memory	8 GB	Trial software	25 GB Dropbox storage for 12 months
Discrete graphics memory type	GDDR6		
Number of discrete graphics cards	1		
On-board graphics card model *	Not available		
<b>Network</b>		<b>Processor special features</b>	
Ethernet LAN *	✓	Intel Extreme Memory Profile (XMP)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Brand-specific features</b>	
Cabling technology	10/100/1000Base-T(X)	HP Security tools	Chassis side cover lock
Wi-Fi *	✓	HP Software provided	HP Audio Switch; HP Connection Optimizer; HP QuickDrop; HP Support Assistant; OMEN Gaming Hub
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	HP GTIN (EAN/UPC)	196548197927
Wi-Fi standards	Wi-Fi 6 (802.11ax)	HP segment	Home
WLAN controller manufacturer	Realtek	<b>Power</b>	
WLAN controller model	Realtek RTL8852BE	Power supply *	600 W
Antenna type	2x2	80 PLUS certification	80 PLUS Gold
Bluetooth	✓	<b>Sustainability</b>	
Bluetooth version	5.2	Sustainability compliance	✓
<b>Ports &amp; interfaces</b>		Sustainability certificates	EPEAT Gold, ENERGY STAR
USB 2.0 ports quantity *	4	Sustainable technologies and materials	Water based paint
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Width *	204 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Depth *	470 mm
		Height *	467 mm
		Weight *	18.7 kg
		Package width	592 mm
		Package depth	328 mm
		Package height	582 mm
		Package weight	19.3 kg
		<b>Packaging content</b>	
		Display included *	✗
		<b>Logistics data</b>	
		Harmonized System (HS) code	8471500000
		<b>Other features</b>	
		Number of free internal memory expansion slots	2



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