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[1] 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

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	5600X
Processor cores	6
Processor threads	12
Processor boost frequency	4.6 GHz
Processor frequency *	3.7 GHz
Processor cache	32 MB
Processor cache type	L3

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	4x DIMM
Memory clock speed	3733 MHz
ECC	✓
Non-ECC	✓
Internal memory manufacturer	HyperX

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✗
Number of storage drives installed	1

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
DisplayPorts quantity	3
Ethernet LAN (RJ-45) ports	1
Microphone in	✓
Headphone outputs	1
Line-out	✓
Line-in	✓
Combo headphone/mic port	✓

Design

Chassis type *	Tower
Colour name	Black, glass side panel, dark chrome logo
Placement supported	Vertical
Water cooling system	✓
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	Black
RGB memory lighting	✓
Introduction year	2021
Country of origin	China

Performance

Market positioning	Gaming

Storage

Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD memory type	TLC
SSD interface	PCI Express, NVMe
NVMe	✔
SSD form factor	M.2

Graphics

Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA GeForce RTX 3060 Ti
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board graphics card model *	Not available

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	Realtek
WLAN controller model	Realtek RTL8852BE
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1

Performance

Motherboard chipset	AMD B550
Motherboard form factor	micro ATX
Audio system	DTS:X Ultra
Audio output channels	5.1 channels
Password protection	✔
Password protection type	BIOS, Power on, User
Product type *	PC

Software

Operating system installed *	Windows 11 Home
Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee LiveSafe™
Trial software	25 GB Dropbox storage for 12 months

Processor special features

Intel Extreme Memory Profile (XMP)	✔

Brand-specific features

HP Security tools	Chassis side cover lock
HP Software provided	HP Audio Switch; HP Connection Optimizer; HP QuickDrop; HP Support Assistant; OMEN Gaming Hub
HP GTIN (EAN/UPC)	196548197927
HP segment	Home

Power

Power supply *	600 W
80 PLUS certification	80 PLUS Gold

Sustainability

Sustainability compliance	✔
Sustainability certificates	EPEAT Gold, ENERGY STAR
Sustainable technologies and materials	Water based paint

Weight & dimensions

Width *	204 mm
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

Packaging content

Display included *	✖

Logistics data

Harmonized System (HS) code	8471500000

Other features

Number of free internal memory expansion slots	2

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