



HP OMEN GT21-1020na Intel® Core™ i7 i7-13700K 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Windows 11 Home Tower PC Black

Brand : HP

Product family: OMEN

Product code: 8C6T8EA

Product name : GT21-1020na

- Intel® Core™ i7-13700K (up to 5.4 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)
 - Windows 11 Home
 - NVIDIA® GeForce RTX™ 4070 Ti (12 GB GDDR6X dedicated)
 - 64 GB memory; 2 TB SSD storage
- OMEN 40L Desktop GT21-1020na PC, Windows 11 Home, Intel® Core™ i7, 64GB RAM, 2TB SSD, NVIDIA® GeForce RTX™ 4070

HP OMEN GT21-1020na Intel® Core™ i7 i7-13700K 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Windows 11 Home Tower PC Black:

Elevate your game to new heights

The OMEN by HP 40L Gaming Desktop is the ultimate companion on your gaming journey. Powered by the latest Intel® Processor[™] 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 *	Intel	USB 2.0 ports quantity *	4
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor model *	i7-13700K	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance-core base frequency	3.4 GHz	DisplayPorts quantity	3
Efficient-core base frequency	2.5 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	4.2 GHz	Microphone in	✓
Performance-core Max Turbo Frequency	5.3 GHz	Line-out	✓
Processor boost frequency	5.4 GHz	Line-in	✓
Processor cache	30 MB	Combo headphone/mic port	✓
Processor cache type	L3	Expansion slots	
Processor threads	24	PCI Express x4 slots	1
Bus type	DMI4	PCI Express x16 slots	1
Number of processors installed	1	Design	
Memory		Chassis type *	Tower
Internal memory *	64 GB	Colour name	Black, glass side panel, dark chrome logo
Maximum internal memory *	128 GB	Water cooling system	✓
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	4 x 16 GB		
Memory slots	4x DIMM		
Memory clock speed	5200 MHz		
Internal memory manufacturer	HyperX		

Storage		Design	
Total storage capacity *	2 TB	RGB memory lighting	✓
Storage media *	SSD	Introduction year	2023
Optical drive type *	✗	Performance	
Number of storage drives installed	1	Market positioning	Gaming
Total SSDs capacity	2 TB	Motherboard chipset	Intel Z790
Number of SSDs installed	1	Motherboard form factor	micro ATX
SSD capacity	2 TB	Audio system	DTS:X Ultra
SSD memory type	TLC	Audio output channels	5.1 channels
SSD interface	PCI Express	Password protection	✓
SSD form factor	M.2	Product type *	PC
Graphics		Software	
Discrete graphics card *	✓	Operating system installed *	Windows 11 Home
Discrete GPU manufacturer	NVIDIA		ExpressVPN (30 day free trial); LastPass Premium (30 day free trial); 1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; Xbox Game Pass 1-month free trial
On-board graphics card *	✓	Pre-installed software	
Discrete graphics card model *	NVIDIA GeForce RTX 4070		
Discrete graphics memory type	GDDR6X	Trial software	25 GB Dropbox storage for 12 months
Discrete graphics card memory	12 GB	Processor special features	
Number of discrete graphics cards	1	CPU configuration (max)	1
On-board GPU manufacturer	Intel	Intel Extreme Memory Profile (XMP)	✓
On-board graphics card model *	Intel UHD Graphics 770	Brand-specific features	
Graphics card HDMI ports quantity	1	HP Support Assistant	✓
Graphics card DisplayPorts quantity	3	HP Security tools	Chassis side cover lock
Network		HP Software provided	HP Connection Optimizer; HP Support Assistant; HP QuickDrop; OMEN Gaming Hub; HP Enhanced Lighting; MyHP
Ethernet LAN *	✓	HP GTIN (EAN/UPC)	197497299489
Ethernet LAN data rates	10,100,1000 Mbit/s	HP segment	Home
Wi-Fi *	✓	Power	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Power supply *	800 W
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Power supply input voltage	100 - 240 V
WLAN controller manufacturer	Intel	Power supply input frequency	50 - 60 Hz
WLAN controller model	Intel Wi-Fi 6E AX211	Sustainability	
Antenna type	2x2	Sustainability compliance	✓
Bluetooth	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Bluetooth version	5.2	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



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