



HP Z2 G9 Intel® Core™ i7 i7-13700K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A2000 Windows 11 Pro Mini PC Workstation Black



Brand : HP

Product code: 865L6ET

Product name : Z2 G9

- Intel® Core™ i7-13700K (up to 5.4 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)
 - Windows 11 Pro
 - NVIDIA RTX™ A2000 (12 GB GDDR6 dedicated)
 - 32 GB memory; 1 TB SSD storage
- Z2 Mini G9 Workstation, Windows 11 Pro, Intel® Core™ i7, 32GB RAM, 1TB SSD, RTX™ A2000

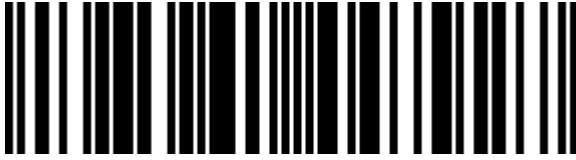
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Powers large workflows. Fits a tiny space.

Tackle workflows you never thought before possible on such a tiny PC. The HP Z2 Mini easily fits on your desk or behind your monitor so you can tackle 3D projects without losing valuable office space. All while feeling protected From the BIOS to the browser, above, in, and below the OS with HP Wolf Security Suite.

Processor		Network	
Processor manufacturer *	Intel	Wi-Fi *	✗
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor model *	i7-13700K	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor cores	16	DisplayPorts quantity	2
Processor threads	24	DisplayPort version	1.4
Processor boost frequency	5.4 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Combo headphone/mic port	✓
Efficient cores	8	Expansion slots	
Performance-core Max Turbo Frequency	5.3 GHz	PCI Express x4 (Gen 4.x) slots	2
Efficient-core Max Turbo Frequency	4.2 GHz	PCI Express x8 (Gen 4.x) slots	1
Performance-core base frequency	3.4 GHz	Design	
Efficient-core base frequency	2.5 GHz	Chassis type *	Mini PC
Processor cache	30 MB	Product colour *	Black
Processor cache type	L3	Introduction year	2023
Processor base power	125 W	Performance	
Maximum turbo power	253 W	Market positioning	Performance
Memory		Audio chip	Realtek ALC3205-VA2-CG
Internal memory *	32 GB	Built-in speaker(s)	✓
Internal memory type	DDR5-SDRAM	Number of speakers	1
Memory layout (slots x size)	2 x 16 GB	Password protection	✓
Memory slots	2x SO-DIMM	Password protection type	BIOS, Power on, User
Memory clock speed	5600 MHz	Product type *	Workstation
ECC	✗	Software	
Non-ECC	✓	Operating system installed *	Windows 11 Pro
Storage		Pre-installed software	HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP PC Hardware Diagnostics Windows; ZCentral Remote Boost; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0
Total storage capacity *	1 TB	Brand-specific features	
Storage media *	SSD	HP Support Assistant	✓
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD memory type	TLC		

Graphics		Brand-specific features	
Discrete graphics card *	✓		HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5
Discrete GPU manufacturer	NVIDIA	HP Security tools	
On-board graphics card *	✓	HP GTIN (EAN/UPC)	197961447927
Discrete graphics card model *	NVIDIA RTX A2000	HP segment	Business
Discrete graphics card memory	12 GB	Power	
Discrete graphics memory type	GDDR6	Power supply *	280 W
Number of discrete graphics cards	1	Power supply input voltage	100 - 240 V
On-board GPU manufacturer	Intel	Power supply input frequency	50 - 60 Hz
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel UHD Graphics 770	Width *	211 mm
Network		Depth *	218 mm
Ethernet LAN *	✓	Height *	69 mm
		Weight *	2.4 kg
		Package width	499 mm
		Package depth	170 mm
		Package height	298 mm
		Package weight	4.8 kg
		Packaging content	
		Display included *	✗
		Mouse included	✓
		Keyboard included	✓
		Logistics data	
		Harmonized System (HS) code	8471500000
		Other features	
		Keyboard type	USB



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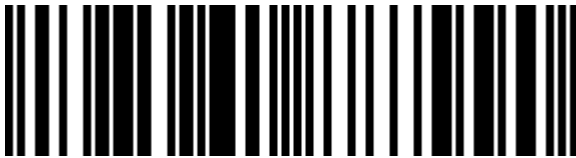
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