



# HP Z2 G9 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini PC Workstation Black



Brand : HP

Product code: 865L5ET

Product name : Z2 G9

- Intel® Core™ i7-13700 (up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads)
  - Windows 11 Pro
  - NVIDIA® T1000 (8 GB GDDR6 dedicated)
  - 16 GB memory; 512 GB SSD storage
- Z2 Mini G9 Workstation, Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, T1000

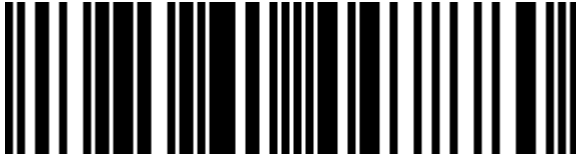
HP Z2 G9 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini PC Workstation Black:

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	WLAN controller manufacturer	Intel
Processor family *	Intel® Core™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	13th gen Intel® Core™ i7	Antenna type	2x2
Processor model *	i7-13700	Bluetooth	✓
Processor cores	16	Bluetooth version	5.3
Processor threads	24	Ports & interfaces	
Processor boost frequency	5.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Performance cores	8	USB 3.2 Gen 2x2 Type-C ports quantity	2
Efficient cores	8	DisplayPorts quantity	2
Performance-core Max Turbo Frequency	5.1 GHz	DisplayPort version	1.4
Efficient-core Max Turbo Frequency	4.1 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.5 GHz	Expansion slots	
Processor cache	30 MB	PCI Express x4 (Gen 4.x) slots	2
Processor cache type	L3	PCI Express x8 (Gen 4.x) slots	1
Processor base power	65 W	Design	
Maximum turbo power	219 W	Chassis type *	Mini PC
Memory		Product colour *	Black
Internal memory *	16 GB	Introduction year	2023
Internal memory type	DDR5-SDRAM	Performance	
Memory layout (slots x size)	1 x 16 GB	Market positioning	Performance
Memory slots	2x SO-DIMM	Audio chip	Realtek ALC3205-VA2-CG
Memory clock speed	5600 MHz	Built-in speaker(s)	✓
ECC	✗	Number of speakers	1
Non-ECC	✓	Password protection	✓
Storage		Password protection type	BIOS, Power on, User
Total storage capacity *	512 GB	Product type *	Workstation
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system installed *	Windows 11 Pro
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD form factor	M.2		

Graphics		Software	
Discrete graphics card *	✓		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
Discrete GPU manufacturer	NVIDIA	Pre-installed software	
On-board graphics card *	✓		
Discrete graphics card model *	NVIDIA Quadro T1000		
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR6		
Number of discrete graphics cards	1		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Network		Brand-specific features	
Ethernet LAN *	✓	HP Support Assistant	✓
Wi-Fi *	✓	HP Security tools	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
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	HP GTIN (EAN/UPC)	197961447880
Wi-Fi standards	Wi-Fi 6E (802.11ax)	HP segment	Business
		Power	
		Power supply *	280 W
		Power supply input voltage	100 - 240 V
		Power supply input frequency	50 - 60 Hz
		Weight & dimensions	
		Width *	211 mm
		Depth *	218 mm
		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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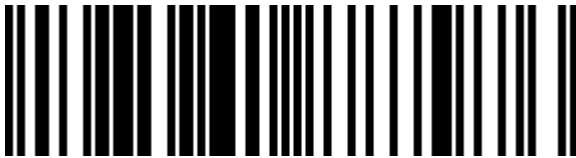
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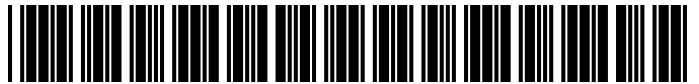
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