



HP Z2 G9 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF Workstation Black



Brand : HP

Product code: 98T43ET

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
- Intel® UHD Graphics
- 16 GB memory; 512 GB SSD storage
- Z2 Small Form Factor G9 Workstation, Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD

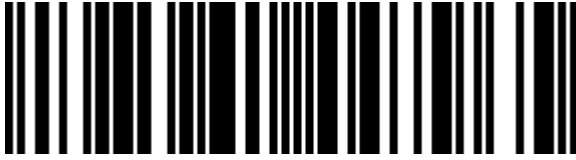
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Full size Z tower power at half the size

Get all the power of a full size tower at a fraction of the size. Re-engineered to fit full-height, full-length graphics while leaving room for upgrades and expansion, the Z2 SFF delivers high performance for your intensive workflow—from 3D design to real time ray tracing—now and in the future.

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor family *	Intel® Core™ i7	USB Power Delivery	✓
Processor generation	13th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-13700	DisplayPorts quantity	2
Processor cores	16	DisplayPort version	1.4
Processor threads	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.2 GHz	Line-out	✓
Performance cores	8	Line-in	✓
Efficient cores	8		
Performance-core Max Turbo Frequency	5.1 GHz	Expansion slots	
Efficient-core Max Turbo Frequency	4.1 GHz	PCI Express x1 (Gen 3.x) slots	1
Performance-core base frequency	2.1 GHz	PCI Express x4 (Gen 3.x) slots	2
Efficient-core base frequency	1.5 GHz	PCI Express x16 (Gen 4.x) slots	3
Processor cache	30 MB	Design	
Processor cache type	L3	Chassis type *	SFF
Processor base power	65 W	Number of 3.5" bays	1
Maximum turbo power	219 W	Number of 2.5" bays	1
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 clock speed	4800 MHz	Audio chip	Realtek ALC3252
ECC	✗	Password protection	✓
Non-ECC	✓	Password protection type	BIOS, Power on, User
Storage		Product type *	Workstation
Total storage capacity *	512 GB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗		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
Number of storage drives installed	1	Pre-installed software	
Total SSDs capacity	512 GB	Brand-specific features	
Number of SSDs installed	1	HP Support Assistant	✓
SSD capacity	512 GB		
NVMe	✓		
SSD form factor	M.2		

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
On-board graphics card *	✔		
Discrete graphics card model *	Not available	HP Security tools	
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel® UHD Graphics		
Network			HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download)
Ethernet LAN *	✔	HP Management tools	
Wi-Fi *	✘		
Ports & interfaces		HP GTIN (EAN/UPC)	197961447965
USB 2.0 ports quantity *	3	HP segment	Business
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Power	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Power supply *	450 W
		Power supply input voltage	100 - 240 V
		Power supply input frequency	50 - 60 Hz
		Weight & dimensions	
		Width *	384 mm
		Depth *	308 mm
		Height *	100 mm
		Weight *	5 kg
		Package width	100 mm
		Package depth	384 mm
		Package height	308 mm
		Package weight	5.9 kg
		Packaging content	
		Display included *	✘
		Keyboard included	✔
		Logistics data	
		Harmonized System (HS) code	8471500000
		Other features	
		Keyboard type	USB



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