



HP Z2 Small Form Factor G9 Intel® Core™ i7 i7-12700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Home SFF Workstation Black



Brand : HP

Product family: Z2

Product code: 4N3T7AV

Product name : Z2 Small Form Factor G9

- Windows 11 Home 64-bit
- Intel Core i7-12700 (25MB Cache)
- 16GB (4800MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
Intel Core i7-12700 (25MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, Windows 11 Home 64-bit

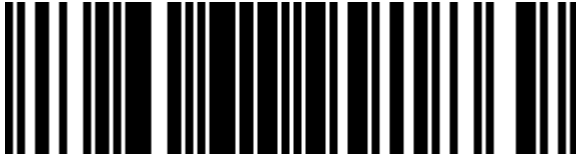
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Full size Z tower power at half the size

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		Network	
Processor manufacturer *	Intel	Ethernet LAN *	✓
Processor family *	Intel® Core™ i7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	12th gen Intel® Core™ i7	Wi-Fi *	✗
Processor model *	i7-12700	Ports & interfaces	
Processor cores	12	USB 2.0 ports quantity *	3
Processor threads	20	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	4.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Performance cores	8	USB 3.2 Gen 2x2 Type-C ports quantity	1
Efficient cores	4	DisplayPorts quantity	2
Performance-core Max Turbo Frequency	4.8 GHz	DisplayPort version	1.4
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.6 GHz	Line-out	✓
Processor cache	25 MB	Line-in	✓
Processor cache type	Smart Cache	Expansion slots	
Processor base power	65 W	Number of 3.5" bays	1
Maximum turbo power	180 W	Power	
Memory		Power supply *	260 W
Internal memory *	16 GB	Power supply input voltage	100 - 240 V
Maximum internal memory *	128 GB	Power supply input frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	Design	
Memory layout (slots x size)	1 x 16 GB	Chassis type *	SFF
Memory slots	2x SO-DIMM	Number of 2.5" bays	1
Memory clock speed	4800 MHz	Product colour *	Black
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Optical drive type *	✗	Display	
Total SSDs capacity	512 GB	Display included *	✗
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		

Storage		Brand-specific features	
SSD form factor	M.2	HP Support Assistant	✓
Graphics		HP segment	Business
Discrete graphics card *	✗	Audio	
On-board graphics card *	✓	Audio chip	Realtek ALC3252
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	384 mm
On-board graphics card family	Intel® UHD Graphics	Depth *	308 mm
On-board graphics card model *	Intel UHD Graphics 770	Height *	100 mm
Performance		Weight *	5 kg
Market positioning	Performance	Packaging data	
Product type *	Workstation	Package width	100 mm
		Package depth	384 mm
		Package height	308 mm
		Package weight	5.9 kg
		Packaging content	
		Mouse included	✓
		Keyboard included	✓



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