



HP Z1 G9 Tower Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T400 Windows 11 Pro Workstation Black

Brand : HP

Product code: 86C45EA

Product name : Z1 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® T400 (4 GB GDDR6 dedicated)
 - 16 GB memory; 512 GB SSD storage
- Z1 G9 Tower Desktop PC, Windows 11 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, NVIDIA® T400

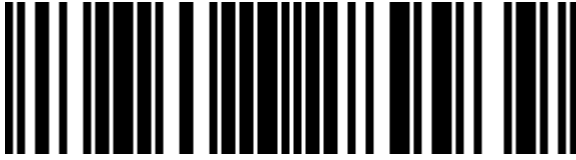
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Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card model *	Intel UHD Graphics 770
Processor family *	Intel® Core™ i7	Network	
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN *	✓
Processor model *	i7-13700	Ethernet LAN data rates	10,1000,100 Mbit/s
Processor cores	16	Wi-Fi *	✗
Performance cores	8	Ports & interfaces	
Efficient cores	8	USB 2.0 ports quantity *	3
Performance-core base frequency	2.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	7
Efficient-core base frequency	1.5 GHz	USB 3.2 Gen 2x2 Type-C ports quantity	1
Efficient-core Max Turbo Frequency	4.1 GHz	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.1 GHz	HDMI version	1.4
Processor boost frequency	5.2 GHz	DisplayPorts quantity	2
Processor cache	30 MB	DisplayPort version	1.4
Processor cache type	L3	Ethernet LAN (RJ-45) ports	1
Processor threads	24	Line-out	✓
Bus type	DMI4	Design	
Processor base power	65 W	Chassis type *	Tower
Maximum turbo power	219 W	Placement supported	Vertical
Memory		Product colour *	Black
Internal memory *	16 GB	Introduction year	2023
Maximum internal memory *	128 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Performance	
Memory slots	4x DIMM	Market positioning	Performance
Memory clock speed	4800 MHz	Audio chip	Realtek ALC3205
Storage		Password protection	✓
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Product type *	Workstation
Optical drive type *	✗	Software	
Number of storage drives installed	1	Operating system installed *	Windows 11 Pro
Total SSDs capacity	512 GB	Processor special features	
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	512 GB	Brand-specific features	
SSD interface	PCI Express	HP JumpStart	✓
NVMe	✓	HP Support Assistant	✓
SSD form factor	M.2	HP segment	Business
Graphics		Power	
Discrete graphics card *	✓	Power supply input voltage	100 - 2140 V
Discrete GPU manufacturer	NVIDIA	Power supply input frequency	50 - 60 Hz
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card model *	NVIDIA T400	Width *	337 mm
Discrete graphics memory type	GDDR6	Depth *	308 mm
Discrete graphics card memory	4 GB	Height *	155 mm
Number of discrete graphics cards	1	Weight *	5.7 kg
On-board graphics card family	Intel® UHD Graphics	Package width	287 mm
		Package depth	400 mm
		Package height	499 mm
		Package weight	9.24 kg
		Packaging content	
		Display included *	✗
		Mouse included	✓
		Keyboard included	✓
		Keyboard connectivity	Wired



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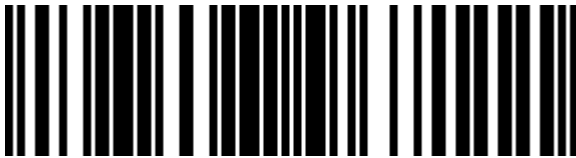
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