



HP Z2 G9 Intel® Core™ i7 i7-13700K 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Tower Workstation Black

Brand : HP

Product code: 5F177EA

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
 - Intel® UHD Graphics 770
 - 32 GB memory; 1 TB SSD storage
- Z2 Tower G9 Workstation, Windows 11 Pro, Intel® Core™ i7, 32GB RAM, 1TB SSD

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Pro-power. Today and tomorrow

Experience a whole new level of performance for your professional workflow. The Z2 Tower is engineered to seamlessly run multi-threaded apps for fast rendering, simulation, and now real-time ray tracing. And when your demands change, you have impressive expandability to upgrade.

HP Z2 G9. Processor family: Intel® Core™ i7, Processor model: i7-13700K. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro. Power supply: 700 W. Chassis type: Tower. Product type: Workstation. Weight: 7.2 kg. Product colour: Black

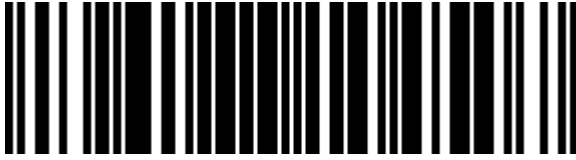


Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x1 (Gen 3.x) slots	2
Processor family *	Intel® Core™ i7	PCI Express x4 (Gen 3.x) slots	2
Processor generation	13th gen Intel® Core™ i7	PCI Express x16 (Gen 5.x) slots	1
Processor model *	i7-13700K	Design	
Processor cores	16	Chassis type *	Tower
Processor threads	24	Number of 3.5" bays	2
Processor boost frequency	5.4 GHz	Number of 5.25" bays	1
Performance-core Max Turbo Frequency	5.3 GHz	Number of 2.5" bays	1
Efficient-core Max Turbo Frequency	4.2 GHz	Product colour *	Black
Performance-core base frequency	3.4 GHz	Performance	
Efficient-core base frequency	2.5 GHz	Market positioning	Performance
Processor socket	LGA 1700	Audio chip	Realtek ALC3205-VA2-CG
Processor cache	30 MB	Built-in speaker(s)	✓
Processor cache type	L3	Number of speakers	1
Bus type	DMI4	Password protection	✓
Memory		Password protection type	BIOS, Power on, User
Internal memory *	32 GB	Product type *	Workstation
Maximum internal memory *	128 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	2 x 16 GB		
Memory slots	4x DIMM		
Memory clock speed	4800 MHz		
ECC	✓		

Storage		Software		
Total storage capacity *	1 TB	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	
Storage media *	SSD			
Optical drive type *	✗			
Number of storage drives installed	1			
Total SSDs capacity	1 TB			
Number of SSDs installed	1			
SSD capacity	1 TB			
SSD interface	PCI Express			
NVMe	✓			
SSD form factor	M.2			
Graphics		Processor special features		
Discrete graphics card *	✗	Intel 64	✓	
On-board graphics card *	✓	Enhanced Intel SpeedStep Technology	✓	
Discrete graphics card model *	Not available	Embedded options available	✗	
On-board GPU manufacturer	Intel	Intel VT-x with Extended Page Tables (EPT)	✓	
On-board graphics card family	Intel® UHD Graphics	Idle States	✓	
On-board graphics card model *	Intel UHD Graphics 770	Intel Stable Image Platform Program (SIPP)	✓	
Network		Intel Trusted Execution Technology	✓	
Ethernet LAN *	✓	Execute Disable Bit	✓	
Wi-Fi *	✗	CPU configuration (max)	1	
Ports & interfaces		Intel Virtualization Technology for Directed I/O (VT-d)	✓	
USB 2.0 ports quantity *	3	Intel Virtualization Technology (VT-x)	✓	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Brand-specific features		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	HP Support Assistant	✓	
DisplayPorts quantity	2	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	
DisplayPort version	1.4		HP Management tools	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 (RJ-45) ports	1			HP Software provided
Line-out	✓	HP GTIN (EAN/UPC)	197498286693	
Line-in	✓	HP segment	Business	
Combo headphone/mic port	✓	Power		
		Power supply *	700 W	
		Sustainability		
		Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure; 45% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; 80 Plus® Gold power supplies available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and system fan; Contains recycled metal	
		Weight & dimensions		
		Width *	356 mm	
		Depth *	169 mm	
		Height *	385 mm	
		Weight *	7.2 kg	
		Package width	518 mm	
		Package depth	295 mm	
		Package height	490 mm	

Packaging content

Display included *	✘
Mouse included	✔
Keyboard included	✔
Keyboard connectivity	Wired



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