



HP Z4 G5 Intel Xeon W W5-2565X 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 4500 Ada Windows 11 Pro Tower Workstation Black

Brand : HP

Product family: Z4

Product code: 8B428UC#ABA

Product name : Z4 G5

- Windows 11 Pro
- Intel Xeon W5-2565X (37.5MB Cache, 3.2GHz)
- NVIDIA RTX 4500 Ada (24GB GDDR6)
- 64GB DDR5-SDRAM (2 x 32) & 1000GB SSD
Intel Xeon W5-2565X (37.5MB Cache, 3.2GHz), 64GB DDR5-SDRAM, 1000GB SSD, DVD-RW, NVIDIA RTX 4500 Ada (24GB GDDR6), LAN, Windows 11 Pro

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HP's best-selling workhorse, now more powerful

This high-performance desktop workstation does it all. Tackle advanced workflows—from rendering and simulation to advanced video editing and massive dataset preparation. The Z4 G5 accelerates workflows across a wide range of professional apps and provides plenty of room to expand as work evolves.



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN *	✓
Processor family *	Intel Xeon W	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor model *	W5-2565X	Wi-Fi *	✗
Processor cores	18	Ports & interfaces	
Processor threads	36	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	10
Processor boost frequency	4.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor frequency *	3.2 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	18	Combo headphone/mic port	✓
Processor cache	37.5 MB	Line-out	✓
Processor cache type	Smart Cache	Line-in	✓
Processor socket	LGA 4677 (Socket E)	Expansion slots	
Processor base power	240 W	Number of 3.5" bays	4
Maximum turbo power	288 W	PCI Express x16 (Gen 4.x) slots	2
Memory		Power	
Internal memory *	64 GB	Power supply *	1125 W
Maximum internal memory *	512 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Tower
Memory layout (slots x size)	2 x 32 GB	Cable lock slot	✓
Memory slots	8x DIMM	Product colour *	Black
ECC	✓		
Memory data transfer rate	4800 MT/s		
Storage			
Total storage capacity *	1 TB		

Storage		Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	DVD-RW	Display	
Total SSDs capacity	1 TB	Display included *	✗
Number of SSDs installed	1	Brand-specific features	
SSD capacity	1 TB	HP Support Assistant	✓
SSD memory type	TLC	HP Security tools	HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover
SSD interface	PCI Express 4.0	HP Management tools	HP Driver Packs; HP Smart Support
SSD form factor	M.2	HP Software provided	HP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack
Graphics		HP segment	Business
Discrete graphics card *	✓	Audio	
Discrete GPU manufacturer	NVIDIA	Audio chip	Realtek ALC3205-CG
On-board graphics card *	✗	Weight & dimensions	
Discrete graphics card model *	NVIDIA RTX 4500 Ada	Width *	168.9 mm
Discrete graphics card memory	24 GB	Depth *	444.5 mm
Discrete graphics memory type	GDDR6	Height *	386.1 mm
Number of discrete graphics cards	1	Weight *	10.5 kg
On-board graphics card model *	Not available	Packaging data	
Performance		Package width	314 mm
Market positioning	Performance	Package depth	572 mm
Motherboard chipset	Intel W790	Package height	563 mm
Trusted Platform Module (TPM)	✓	Package weight	14.3 kg
Product type *	Workstation	Packaging content	
		Mouse included	✓
		Mouse connectivity	Wired
		Keyboard included	✓



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