HP Z6 G5 Intel Xeon W w7-3455 128 GB DDR5-SDRAM 4 TB SSD NVIDIA RTX 4500 Ada Windows 11 Pro Tower Workstation Black



Brand : HP **Product family:** Z6 **Product code:** A5FL8UC#ABA

Product name : Z6 G5

- Windows 11 Pro
- Intel Xeon w7-3455 (67.5MB Cache, 2.5GHz)
- NVIDIA RTX 4500 Ada (24GB GDDR6)
- 128GB DDR5-SDRAM (4 x 32) & 4000GB SSD

Intel Xeon w7-3455 (67.5MB Cache, 2.5GHz), 128GB DDR5-SDRAM, 4000GB SSD, NVIDIA RTX 4500 Ada (24GB GDDR6), LAN, Windows 11 Pro



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Unleash extreme graphics performance

Accelerate your most graphics-intensive projects—from machine learning and simulation to advanced visual effects. The Z6 desktop workstation is redesigned with new, powerful single socket technology and now fits up to 3x more GPUs than the previous gen while also providing plenty of room to expand.

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Xeon W
Processor model *	w7-3455
Processor cores	24
Processor threads	48
Processor boost frequency	4.8 GHz
Processor frequency *	2.5 GHz
Performance cores	24
Processor cache	67.5 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor socket	LGA 4677 (Socket E)
Processor base power	270 W
Maximum turbo power	324 W

Memory	
Internal memory *	128 GB
Maximum internal memory *	1 TB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	4 x 32 GB
Memory data transfer rate	4800 MT/s

Storage	
Total storage capacity *	4 TB
Storage media *	SSD
Optical drive type *	✗
Number of storage drives installed	2

Performance	
Trusted Platform Module (TPM)	✓
Product type *	Workstation

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Wi-Fi *	✗

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	10
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✓

Expansion slots	
Number of 3.5" bays	6
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	2

Power	
Power supply *	1125 W

Design	
Chassis type *	Tower
Placement supported	Vertical
Cable lock slot	✓
Product colour *	Black

Storage	
Total SSDs capacity	4 TB
Number of SSDs installed	2
SSD capacity	2 TB
SSD memory type	TLC
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Graphics	
Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✘
Discrete graphics card model *	NVIDIA RTX 4500 Ada
Discrete graphics card memory	24 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board graphics card model *	Not available

Performance	
Market positioning	Performance
Motherboard chipset	Intel W790

Software	
Operating system installed *	Windows 11 Pro

Display	
Display included *	✘

Brand-specific features	
HP Security tools	Full volume encryption; HP Secure Erase; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover
HP Management tools	P Driver Packs; HP Smart Support
HP Software provided	HP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager
HP segment	Business

Audio	
Audio chip	Realtek ALC3205-CG

Weight & dimensions	
Width *	169.8 mm
Depth *	464.8 mm
Height *	444.5 mm
Weight *	12.8 kg

Packaging data	
Package width	313 mm
Package depth	610 mm
Package height	593 mm
Package weight	17.2 kg

Packaging content	
Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔



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Publication date: 19-SEP-2026. Prints or copies of Information are only valid on the printed Publication date