



HP Z2 Tower G1i Intel Core Ultra 7 265K 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Workstation AI Workstation, AI PC Black

Brand : HP

Product code: A40T4ET#ABH

Product name : Z2 Tower G1i

HP Z2 Tower G1i. Processor frequency: 3.9 GHz, Processor family: Intel Core Ultra 7, Processor model: 265K. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 700 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	3
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor model *	265K	USB4 Gen 2x2 ports quantity	2
Processor cores	20	DisplayPorts quantity	2
Processor threads	20	DisplayPort version	1.4
Processor boost frequency	5.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	3.9 GHz	Microphone in	✓
Performance cores	8	Line-out	✓
Efficient cores	12	Line-in	✓
Performance-core Max Turbo Frequency	5.4 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Design	
Performance-core base frequency	3.9 GHz	Chassis type *	Tower
Efficient-core base frequency	3.3 GHz	Colour name	Black
Processor cache	30 MB	Placement supported	Vertical
Processor cache type	L3	Product colour *	Black
Processor base power	125 W	Country of origin	Czech Republic
Maximum turbo power	250 W	Performance	
Neural processor unit (NPU)		Market positioning	Performance
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel W880
Sparsity support	✓	Password protection	✓
Windows Studio effects support	✓	Password protection type	BIOS, Power on
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Product type *	Workstation
Total processor performance up to	33 TOPs	Software	
NPU performance up to	13 TOPs	Operating system architecture	64-bit
GPU performance up to	8 TOPs	Operating system installed *	Windows 11 Pro
Memory		Processor special features	
Internal memory *	32 GB	Intel® Turbo Boost Technology	✓
Maximum internal memory *	128 GB		

Memory		Brand-specific features	
Internal memory type	DDR5-SDRAM	HP Artificial Intelligence	AI Workstation, AI PC
Memory layout (slots x size)	1 x 32 GB	HP segment	Business
Memory slots	4x DIMM	Power	
Memory clock speed	5600 MHz	Power supply *	700 W
Non-ECC	✓	Power supply input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	Power supply input frequency	50 - 60 Hz
Storage		Certificates	
Total storage capacity *	1 TB	Low halogen	✓
Storage media *	SSD	Sustainability	
Optical drive type *	✗	Sustainability compliance	✓
Number of storage drives installed	1	Sustainability certificates	ENERGY STAR, EPEAT, TCO
Total SSDs capacity	1 TB	Weight & dimensions	
Number of SSDs installed	1	Width *	175 mm
SSD capacity	1 TB	Depth *	426 mm
SSD interface	PCI Express 5.0	Height *	175 mm
NVMe	✓	Weight *	8.6 kg
SSD form factor	M.2	Packaging data	
M.2 SSD size	2280 (22 x 80 mm)	Package width	590 mm
Graphics		Package depth	490 mm
Discrete graphics card *	✗	Package height	295 mm
On-board graphics card *	✓	Package weight	12.5 kg
Discrete graphics card model *	Not available	Packaging content	
On-board GPU manufacturer	Intel	Keyboard included	✓
On-board graphics card family	Intel® Graphics	Input device model	HP Wired 320M Mouse
On-board graphics card model *	Intel® Graphics	Display	
Network		Display included *	✗
Ethernet LAN *	✓	Keyboard	
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard connectivity	Wired
Cabling technology	10/100/1000Base-T(X)	Keyboard layout	QWERTY
		Audio	
		Audio chip	Realtek ALC3205
		Other features	
		UNSPSC-code	43211515



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