



HP Z2 Tower G1i Intel Core Ultra 9 285K 64 GB DDR5-SDRAM 1.51 TB SSD NVIDIA RTX PRO 4000 Blackwell Windows 11 Pro PC Black

Brand : HP

Product family: Z2

Product code: B34LBES

Product name : Z2 Tower G1i

HP Z2 Tower G1i. Processor family: Intel Core Ultra 9, Processor model: 285K. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1.51 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA RTX PRO 4000 Blackwell. Operating system installed: Windows 11 Pro. Power supply: 1200 W. Chassis type: Tower. Product type: PC. Weight: 8.6 kg. Product colour: Black



Processor		Graphics	
Processor manufacturer *	Intel	Discrete graphics memory type	GDDR7
Processor family *	Intel Core Ultra 9	Number of discrete graphics cards	1
Processor generation	Intel Core Ultra (Series 2)	On-board GPU manufacturer	Intel
Processor model *	285K	On-board graphics card family	Intel® Graphics
Processor cores	24	On-board graphics card model *	Intel® Graphics
Processor threads	24		
Processor boost frequency	5.7 GHz		
Performance cores	8		
Efficient cores	16		
Performance-core Max Turbo Frequency	5.5 GHz		
Efficient-core Max Turbo Frequency	4.6 GHz		
Performance-core base frequency	3.7 GHz		
Efficient-core base frequency	3.2 GHz		
Processor cache	36 MB		
Processor cache type	Smart Cache		
Processor base power	125 W		
Maximum turbo power	250 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	36 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	8 TOPs		
Memory			
Internal memory *	64 GB		
Maximum internal memory *	256 GB		
Internal memory type	DDR5-SDRAM		
		Performance	
		Market positioning	Performance
		Motherboard chipset	Intel W880
		Product type *	PC
		Network	
		Ethernet LAN *	✓
		Ethernet LAN data rates	10,1000,100 Mbit/s
		Wi-Fi *	✗
		Ports & interfaces	
		USB 2.0 ports quantity *	3
		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
		USB 3.2 Gen 2x2 Type-C ports quantity	2
		DisplayPorts quantity	2
		DisplayPort version	1.4
		Ethernet LAN (RJ-45) ports	1
		Combo headphone/mic port	✓
		Line-out	✓
		Line-in	✓
		Power	
		Power supply *	1200 W
		Power supply input voltage	100 - 240 V
		Power supply input frequency	50 - 60 Hz

Memory		Design	
Memory layout (slots x size)	2 x 32 GB	Chassis type *	Tower
Storage		Product colour *	Black
Total storage capacity *	1.51 TB	Introduction year	2025
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1.51 TB	Display	
Number of SSDs installed	2	Display included *	✗
SSD capacity	512 GB	Brand-specific features	
NVMe	✓	HP segment	Business
Graphics		Audio	
Discrete graphics card *	✓	Audio chip	Realtek ALC3205
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
On-board graphics card *	✓	Width *	175 mm
Discrete graphics card model *	NVIDIA RTX PRO 4000 Blackwell	Depth *	426 mm
Discrete graphics card memory	24 GB	Height *	388 mm
		Weight *	8.6 kg
		Packaging data	
		Package width	590 mm
		Package depth	490 mm
		Package height	295 mm
		Package weight	12.5 kg



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