



HP Z1 Tower G1i Intel Core Ultra 7 265 64 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Workstation Black

Brand : HP

Product family: Z1

Product code: D2RL4ES

Product name : Z1 Tower G1i

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265 (30MB Cache)
- 64GB DDR5-SDRAM (2 x 32) & 1000GB SSD
Intel Core Ultra 7 265 (30MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Mainstream workstation performance—reimagined

Experience new levels of performance for professional workflows. The HP Z2 Tower AI workstation is reengineered to support high-end graphics and seamlessly run both single and multi-threaded apps for fast modeling, simulation, and rendering. Enjoy easy expandability to upgrade, when needs evolve.



Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card family	Intel® Graphics
Processor family *	Intel Core Ultra 7	On-board graphics card model *	Intel® Graphics
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	265	Market positioning	Performance
Processor cores	20	Motherboard chipset	Intel W880
Processor threads	20	Product type *	Workstation
Processor boost frequency	5.3 GHz	Network	
Performance cores	8	Ethernet LAN *	✓
Efficient cores	12	Wi-Fi *	✓
Performance-core Max Turbo Frequency	5.2 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Efficient-core Max Turbo Frequency	4.6 GHz	Bluetooth	✓
Performance-core base frequency	2.4 GHz	Bluetooth version	5.4
Efficient-core base frequency	1.8 GHz	Ports & interfaces	
Processor cache	30 MB	USB 2.0 ports quantity *	3
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Number of processors installed	1	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor base power	65 W	DisplayPorts quantity	2
Maximum turbo power	182 W	DisplayPort version	1.4
Neural processor unit (NPU)		Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)	Intel AI Boost	Combo headphone/mic port	✓
Sparsity support	✓		
Windows Studio effects support	✓		

Neural processor unit (NPU)		Ports & interfaces	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Line-out	✓
Total processor performance up to	33 TOPs	Line-in	✓
NPU performance up to	13 TOPs	Power	
GPU performance up to	8 TOPs	Power supply *	500 W
Memory		Design	
Internal memory *	64 GB	Chassis type *	Tower
Maximum internal memory *	128 GB	Number of 5.25" bays	1
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	2 x 32 GB	Software	
Memory slots	4x DIMM	Operating system architecture	64-bit
Memory data transfer rate	5600 MT/s	Operating system installed *	Windows 11 Pro
Storage		Display	
Total storage capacity *	1 TB	Display included *	✗
Storage media *	SSD	Brand-specific features	
Optical drive type *	✗	HP Support Assistant	✓
Total SSDs capacity	1 TB	HP Documentation	✓
Number of SSDs installed	1	HP segment	Business
SSD capacity	1 TB	Audio	
Graphics		Audio chip	Realtek ALC3205
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card *	✓	Width *	175 mm
Discrete graphics card model *	Not available	Depth *	426 mm
On-board GPU manufacturer	Intel	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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