



HP Z2 Mini G1i Intel Core Ultra 7 265 32 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX A1000 Windows 11 Pro Mini PC Workstation Black

Brand : HP

Product family: Z2

Product code: D2RL3ES

Product name : Z2 Mini G1i



- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265 (30MB Cache)
- NVIDIA RTX A1000 (8GB GDDR6)
- 32GB DDR5-SDRAM & 2000GB SSD
Intel Core Ultra 7 265 (30MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, Intel Graphics, NVIDIA RTX A1000 (8GB GDDR6), LAN, Windows 11 Pro 64-bit

[HP Z2 Mini G1i Intel Core Ultra 7 265 32 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX A1000 Windows 11 Pro Mini PC Workstation Black:](#)

Powers large workflows. Fits a tiny space.

Get incredible high performance packed into an insanely petite Z2 Mini G1i AI workstation to tackle 3D design, real-time rendering, and basic model development. Fitting on a desk or behind a monitor, conveniently access ports. When your demands change, you have impressive expandability to upgrade.

Processor		Graphics	
Processor manufacturer *	Intel	Discrete graphics card model *	NVIDIA RTX A1000
Processor family *	Intel Core Ultra 7	Discrete graphics card memory	8 GB
Processor generation	Intel Core Ultra (Series 2)	Discrete graphics memory type	GDDR6
Processor model *	265	Number of discrete graphics cards	1
Processor cores	20	On-board GPU manufacturer	Intel
Processor threads	20	On-board graphics card family	Intel® Graphics
Processor boost frequency	5.3 GHz	On-board graphics card model *	Intel® Graphics
Performance cores	8	Network	
Efficient cores	12	Ethernet LAN *	✓
Performance-core Max Turbo Frequency	5.2 GHz	Wi-Fi *	✗
Efficient-core Max Turbo Frequency	4.6 GHz	Ports & interfaces	
Performance-core base frequency	2.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Efficient-core base frequency	1.8 GHz	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor cache	30 MB	DisplayPorts quantity	2
Processor cache type	Smart Cache	DisplayPort version	1.4
Processor base power	65 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	182 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		Design	
Neural processor unit (NPU)	Intel AI Boost	Chassis type *	Mini PC
Sparsity support	✓	Product colour *	Black
Windows Studio effects support	✓	Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Market positioning	Performance
Total processor performance up to	33 TOPs	Motherboard chipset	Intel W880
NPU performance up to	13 TOPs	Product type *	Workstation
GPU performance up to	8 TOPs	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	96 GB		
Internal memory type	DDR5-SDRAM		

Memory		Brand-specific features	
Memory slots	2x SO-DIMM	HP Support Assistant	✓
Memory data transfer rate	6400 MT/s	HP Documentation	✓
Storage		HP segment	Business
Total storage capacity *	2 TB	Power	
Storage media *	SSD	Power supply *	280 W
Optical drive type *	✗	Weight & dimensions	
Total SSDs capacity	2 TB	Width *	211 mm
Number of SSDs installed	1	Depth *	218 mm
SSD capacity	2 TB	Height *	96 mm
Graphics		Weight *	2.4 kg
Discrete graphics card *	✓	Display	
Discrete GPU manufacturer	NVIDIA	Display included *	✗
On-board graphics card *	✓	Audio	
		Audio chip	Realtek ALC3205



0199896363617



199896363617

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date