HP Z2 Tower G1i Intel Core Ultra 7 265K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 4000 Ada Windows 11 Pro Workstation Black





Brand : HP **Product family:** Z2 **Product code:** C0LD5UC#ABA

Product name : Z2 Tower G1i

- Windows 11 Pro
- Intel Core Ultra 7 265K (30MB Cache)
- NVIDIA RTX 4000 Ada (20GB GDDR6)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 7 265K (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, DVD-RW, Intel Graphics, NVIDIA RTX 4000 Ada (20GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro

HP Z2 Tower G1i Intel Core Ultra 7 265K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 4000 Ada Windows 11 Pro Workstation Black:

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	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	265K
Processor cores	20
Processor threads	20
Processor boost frequency	5.5 GHz
Performance cores	8
Efficient cores	12
Efficient-core Max Turbo Frequency	4.6 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor socket	LGA 1851 (Socket V1)
Processor base power	125 W
Maximum turbo power	250 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Total processor performance up to	33 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs

Memory	
Internal memory *	32 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory slots	4x DIMM
Non-ECC	✔
Memory data transfer rate	5600 MT/s

Storage	

Graphics	
On-board graphics card model *	Intel® Graphics

Performance	
Market positioning	Performance
Motherboard chipset	Intel W880
Product type *	Workstation

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 7 BE200
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.4

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	4
DisplayPorts quantity	2
DisplayPort version	1.4
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
Line-out	✔
Line-in	✔

Power	
Power supply *	700 W

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	DVD-RW
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD memory type	TLC
SSD interface	PCI Express 4.0
SSD form factor	M.2

Graphics	
Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA RTX 4000 Ada
Discrete graphics card memory	20 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics

Design	
Chassis type *	Tower
Product colour *	Black

Software	
Operating system installed *	Windows 11 Pro

Display	
Display included *	✘

Brand-specific features	
HP Support Assistant	✔
HP Documentation	✔
HP segment	Business

Audio	
Audio chip	Realtek ALC3205

Weight & dimensions	
Width *	175 mm
Depth *	426 mm
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

Packaging content	
Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔



0199251906978



199251906978

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

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