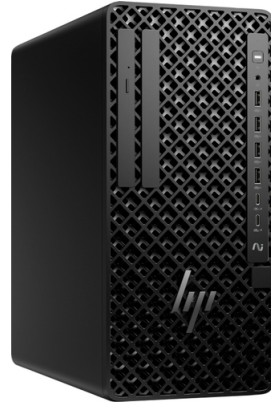




HP Z1 Tower G1i Intel Core Ultra 9 285 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Ti Windows 11 Pro Workstation AI Workstation, AI PC Black



Brand : HP

Product family: Z1

Product code: B76RMET

Product name : Z1 Tower G1i

- Intel Core™ Ultra 9 285 (up to 5.6 GHz with Intel Turbo Boost Technology, 36 MB L3 cache, 24 cores, 24 threads)
 - Windows 11 Pro
 - NVIDIA GeForce RTX™ 5060 Ti (16 GB GDDR7 dedicated)
 - 32 GB DDR5-5600 MT/s (1 x 32 GB), 1 TB PCIe Gen4 NVMe™ M.2 SSD
- Z1 Tower G1i Desktop PC, Windows 11 Pro, Intel Core™ Ultra 9, 32GB RAM, 1TB SSD, NVIDIA GeForce RTX™ 5060 Ti, Black, AI Workstation; AI PC

[HP Z1 Tower G1i Intel Core Ultra 9 285 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Ti Windows 11 Pro Workstation AI Workstation, AI PC Black:](#)

The most affordable HP Z desktop workstation

Workstation performance is now within reach with a tower built for designing, editing, and gaming. Go beyond a commercial PC with the HP Z1 Tower, delivering pro-level, expandable performance certified for pro-apps, with support for high-end graphics.

Processor		Network	
Processor manufacturer *	Intel	Bluetooth version	5.4
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	3
Processor model *	285	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor threads	24	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor boost frequency	5.6 GHz	DisplayPorts quantity	2
Performance cores	8	DisplayPort version	2.1
Efficient cores	16	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.4 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.5 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.9 GHz	Line-out	✓
Processor cache	36 MB	Line-in	✓
Processor cache type	L3	Microphone in	✓
Processor base power	65 W	Expansion slots	
Maximum turbo power	182 W	Number of 3.5" bays	2
Neural processor unit (NPU)		PCI Express x1 (Gen 3.x) slots	2
Neural processor unit (NPU)	Intel AI Boost	PCI Express x16 (Gen 5.x) slots	1
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		

Neural processor unit (NPU)		Power	
Total processor performance up to	36 TOPs	Power supply *	500 W
NPU performance up to	13 TOPs	Power supply input voltage	100 - 240 V
GPU performance up to	8 TOPs	Power supply input frequency	50/60 Hz
Memory		Design	
Internal memory *	32 GB	Chassis type *	Tower
Maximum internal memory *	32 GB	Colour name	Black
Internal memory type	DDR5-SDRAM	Placement supported	Vertical
Memory layout (slots x size)	1 x 32 GB	Product colour *	Black
Memory slots	4x DIMM	Intel® vPro™ Platform Eligibility	✗
Memory clock speed	5600 MHz	Introduction year	2025
Memory module type	UDIMM	Country of origin	Czech Republic
Non-ECC	✓	Software	
Memory data transfer rate	5600 MT/s	Operating system installed *	Windows 11 Pro
Storage		Processor special features	
Total storage capacity *	1 TB	Intel® Turbo Boost Technology	✓
Storage media *	SSD	Display	
Optical drive type *	✗	Display included *	✗
Number of storage drives installed	1	Brand-specific features	
Total SSDs capacity	1 TB	HP Support Assistant	✓
Number of SSDs installed	1	HP Artificial Intelligence	AI Workstation, AI PC
SSD capacity	1 TB	HP GTIN (EAN/UPC)	199485052885
SSD interface	PCI Express 4.0	HP segment	Business
NVMe	✓	Audio	
SSD form factor	M.2	Audio chip	Realtek ALC3252
Graphics		Weight & dimensions	
Discrete graphics card *	✓	Width *	337 mm
Discrete GPU manufacturer	NVIDIA	Depth *	308 mm
On-board graphics card *	✓	Height *	337 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5060 Ti	Weight *	5.51 kg
Discrete graphics card memory	16 GB	Packaging data	
Discrete graphics memory type	GDDR7	Package width	287 mm
Number of discrete graphics cards	1	Package depth	400 mm
On-board GPU manufacturer	Intel	Package height	499 mm
On-board graphics card family	Intel® Graphics	Package weight	7.67 kg
On-board graphics card model *	Intel® Graphics	Packaging content	
Performance		Mouse included	✓
Market positioning	Performance	Mouse connectivity	Wired
Motherboard chipset	Intel® Q870	Keyboard included	✓
Password protection	✓	Numeric keypad	✗
Password protection type	BIOS, Power on	Input device model	HP Wired 320M Mouse
Product type *	Workstation	Sustainability	
Network		Sustainability compliance	✓
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainable technologies and materials Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 10% ITE-derived closed loop plastic; 80 Plus Platinum power supplies available; Contains at least 60% post-consumer recycled plastic; Outside box and corrugated cushions are 100% sustainably sourced or recyclable	
Cabling technology	10/100/1000Base-T(X)		
Wi-Fi *	✓		
Top Wi-Fi standard	Wi-Fi 7 (802.11be)		
Wi-Fi standards	Wi-Fi 7 (802.11be)		
WLAN controller manufacturer	Intel	Logistics data	
WLAN controller model	Intel Wi-Fi 7 BE200	Harmonized System (HS) code	8471500000
Antenna type	2x2		
Bluetooth	✓		

Supplier features	
Manufacturer warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Support service included	HP 3y Onsite Low End Workstation HW Supp. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA5-6385EEE & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEGB.pdf
Keyboard	
Keyboard connectivity	Wired
Other features	
UNSPSC-code	43211515



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