HP Z2 TWR G1i U7270K+32GB/1TB PC NXSgl Intel Core Ultra 7 DDR5-SDRAM SSD Windows 11 Pro Tower Workstation AI Workstation, AI PC Black



Brand : HP

Product code: DK1F5ET#UUW

Product name : Z2 TWR G1i U7270K+32GB/1TB PC NXSgl



HP Z2 TWR G1i U7270K+32GB/1TB PC NXSgl. Processor family: Intel Core Ultra 7. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Power supply: 700 W. Chassis type: Tower. Product type: Workstation. Weight: 8.6 kg. Product colour: Black

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor cores	24
Processor threads	24
Processor boost frequency	5.4 GHz
Processor cache	36 MB
Processor cache type	L3
Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
NPU performance up to	13 TOPs
Memory	
Internal memory *	32 GB
Maximum internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory clock speed	5600 MHz
Memory module type	UDIMM
Non-ECC	✔
Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Number of storage drives installed	1
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 5.0
NVMe	✔
SSD form factor	M.2
Graphics	
Discrete graphics card *	✔

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
USB 3.2 Gen 2x2 Type-C ports quantity	2
Microphone in	✔
Expansion slots	
Number of 3.5" bays	1
PCI Express x16 (Gen 4.x) slots	1
Power	
Power supply *	700 W
Design	
Chassis type *	Tower
Colour name	Black
Product colour *	Black
Software	
Operating system installed *	Windows 11 Pro
Processor special features	
Intel® Turbo Boost Technology	✔
Brand-specific features	
HP Artificial Intelligence	AI Workstation, AI PC
HP segment	Business
Audio	
Audio chip	Realtek ALC3205
Weight & dimensions	
Width *	175 mm
Depth *	426 mm
Height *	175 mm
Weight *	8.6 kg

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Graphics	
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✔
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR7
Number of discrete graphics cards	1
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Performance	
Market positioning	Performance
Motherboard chipset	Intel W880
Password protection	✔
Password protection type	BIOS, Power on
Product type *	Workstation

Network	
Ethernet LAN *	✔

Packaging data	
Package width	590 mm
Package depth	490 mm
Package height	295 mm
Package weight	12.5 kg

Packaging content	
Keyboard included	✔
Numeric keypad	✘
Input device model	HP Wired 320M Mouse

Certificates	
Low halogen	✔

Sustainability	
Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
Sustainable technologies and materials	Low halogen; Bulk packaging available; 10% ITE-derived closed loop plastic; 25% ocean-bound plastic in system fans; Product Carbon Footprint; Contains at least 60% post-consumer recycled plastic; System has a QR code enabled experience where the user has access to a product portal – beginning December 2025, this is complete with product feature highlights, sustainability information, getting started guides, and direct setup and support options; New Energy Consumption dashboard available to customers providing timely carbon usage including recommended actions users can take to decrease carbon footprint

Keyboard	
Keyboard connectivity	Wired

Other features	
UNSPSC-code	43211515



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