



HP Z2 Mini G1a Wolf Pro Security Edition Copilot+ PC AMD Ryzen AI Max+ PRO PRO 395 64 GB LPDDR5x-SDRAM 1 TB SSD Windows 11 Pro Mini PC Workstation AI Workstation, AI PC Black

Brand : HP

Product family: Z2

Product code: A40Q8ET#UUG

Product name : Z2 Mini G1a
Wolf Pro Security Edition

HP Z2 Mini G1a Wolf Pro Security Edition. Processor frequency: 3 GHz, Processor family: AMD Ryzen AI Max+ PRO, Processor model: PRO 395. Internal memory: 64 GB, Internal memory type: LPDDR5x-SDRAM, Memory clock speed: 8533 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 8060S. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: Mini PC. Product type: Workstation. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor family *	AMD Ryzen AI Max+ PRO	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor generation	AMD Ryzen AI Max PRO 300 Series	USB Power Delivery (USB PD)	✓
Processor model *	PRO 395	USB4 Gen 3x2 ports quantity	2
Processor cores	16	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	32	Intel® Thunderbolt 4	✓
Processor boost frequency	5.1 GHz	Thunderbolt 4 ports quantity	2
Processor frequency *	3 GHz	DisplayPort version	2.1
Processor cache	64 MB	Ethernet LAN (RJ-45) ports	1
Processor cache type	L3	Combo headphone/mic port	✓
Neural processor unit (NPU)		Microphone in	✓
Copilot+ PC	✓	Mini DisplayPorts quantity	2
Neural processor unit (NPU)	AMD Ryzen AI	Power	
NPU performance up to	50 TOPs	Power supply *	300 W
Memory		Power supply input voltage	100 - 240 V
Internal memory *	64 GB	Power supply input frequency	50/60 Hz
Maximum internal memory *	64 GB	Design	
Internal memory type	LPDDR5x-SDRAM	Chassis type *	Mini PC
Memory clock speed	8533 MHz	Colour name	Jet black
Memory data transfer rate	8533 MT/s	Product colour *	Black
Storage		Introduction year	2025
Total storage capacity *	1 TB	Country of origin	China, Mexico
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB	Display	
Number of SSDs installed	1	Display included *	✗
SSD capacity	1 TB		
SSD memory type	TLC		
SSD interface	PCI Express 4.0		

Storage		Brand-specific features	
NVMe	✓	HP Artificial Intelligence	AI Workstation, AI PC
SSD form factor	M.2	HP segment	Business
Graphics		Audio	
Discrete graphics card *	✗	Audio chip	Realtek ALC3205-VA2-CG
On-board graphics card *	✓	Number of speakers	1
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	AMD	Width *	85.5 mm
On-board graphics card family	AMD Radeon Graphics	Depth *	168 mm
On-board graphics card model *	AMD Radeon 8060S	Height *	85.5 mm
Performance		Weight *	2.3 kg
Market positioning	Performance	Packaging data	
Password protection	✓	Package width	499 mm
Password protection type	BIOS, Power on	Package depth	185 mm
Product type *	Workstation	Package height	298 mm
Built-in speaker(s)	✓	Package weight	4.1 kg
Network		Packaging content	
Ethernet LAN *	✓	Mouse included	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Mouse connectivity	Wired
Cabling technology	10/100/1000Base-T(X)	Keyboard included	✓
Wi-Fi *	✓	Numeric keypad	✗
Top Wi-Fi standard	Wi-Fi 7 (802.11be)	Input device model	HP Wired 320M Mouse
Wi-Fi standards	Wi-Fi 7 (802.11be)	Certificates	
WLAN controller manufacturer	MediaTek	Low halogen	✓
WLAN controller model	MediaTek MT7925	Sustainability	
Antenna type	2x2	Sustainability compliance	✓
Bluetooth	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10 Bulk packaging available; 10% ITE-derived closed loop plastic; Product Carbon Footprint; Contains at least 65% post-consumer recycled plastic; Contains at least 20% post-industrial recycled steel; 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
Bluetooth version	5.4	Sustainable technologies and materials	
Ports & interfaces			
USB 2.0 ports quantity *	2	Sustainable technologies and materials	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
		Keyboard	
		Keyboard connectivity	Wired
		Keyboard layout	AZERTY
		Other features	
		UNSPSC-code	43211515

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