



MSI MPG Infinite X3 AI 2NVZ9-032AT Intel Core Ultra 9 285K 64 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5090 Windows 11 Home Desktop PC Black

Brand : MSI

Product family: MPG Infinite

Product code: MPG INFINITE
X3 AI 2NVZ9-032AT

Product name : MPG Infinite
X3 AI 2NVZ9-032AT

- Windows 11 Home
- Intel Core Ultra 9 285K (36MB Cache)
- NVIDIA GeForce RTX 5090 (32GB GDDR7)
- 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 1000GB SSD
Intel Core Ultra 9 285K (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5090 (32GB GDDR7), LAN, WLAN, Bluetooth, Windows 11 Home
MSI MPG Infinite X3 AI 2NVZ9-032AT. Processor family: Intel Core Ultra 9, Processor model: 285K. Internal memory: 64 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, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Home. Power supply: 1200 W. Chassis type: Desktop. Product type: PC. Weight: 13.9 kg. Product colour: Black



Processor		Graphics	
Processor manufacturer *	Intel	Number of discrete graphics cards	1
Processor family *	Intel Core Ultra 9	On-board GPU manufacturer	Intel
Processor generation	Intel Core Ultra (Series 2)	On-board graphics card family	Intel® Graphics
Processor model *	285K	On-board graphics card model *	Intel® Graphics
Processor cores	24	Network	
Processor threads	24	Ethernet LAN *	✓
Processor boost frequency	5.7 GHz	Wi-Fi *	✓
Performance cores	8	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Efficient cores	16	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Performance-core Max Turbo Frequency	5.5 GHz	WLAN controller manufacturer	Intel
Efficient-core Max Turbo Frequency	4.6 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance-core base frequency	3.7 GHz	Bluetooth	✓
Efficient-core base frequency	3.2 GHz	Bluetooth version	5.3
Processor cache	36 MB	Ports & interfaces	
Processor cache type	Smart Cache	USB 2.0 ports quantity *	4
Processor base power	125 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Maximum turbo power	250 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Neural processor unit (NPU)		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Neural processor unit (NPU)	Intel AI Boost	PS/2 ports quantity	1
Sparsity support	✓	Ethernet LAN (RJ-45) ports	1
Windows Studio effects support	✓	Microphone in	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Headphone outputs	1
Total processor performance up to	36 TOPs	DC-in jack	✓
NPU performance up to	13 TOPs	Design	
GPU performance up to	8 TOPs	Chassis type *	Desktop
Memory		Volume	40 L
Internal memory *	64 GB	Placement supported	Vertical
Maximum internal memory *	128 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	2 x 32 GB		

Memory		Performance	
Memory slots	4x DIMM	Market positioning	Gaming
Memory clock speed	5600 MHz	Audio chip	Realtek ALC897
Storage		Audio output channels	7.1 channels
Total storage capacity *	1 TB	Product type *	PC
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	Power supply *	1200 W
SSD capacity	1 TB	80 PLUS certification	80 PLUS Gold
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-20 - 60 °C
M.2 SSD size	2280 (22 x 80 mm)	Operating relative humidity (H-H)	0 - 85%
Graphics		Storage relative humidity (H-H)	0 - 90%
Discrete graphics card *	✓	Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width *	235.1 mm
On-board graphics card *	✓	Depth *	481.2 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Height *	485 mm
Discrete graphics card memory	32 GB	Weight *	13.9 kg
Discrete graphics memory type	GDDR7	Packaging data	
		Package width	590 mm
		Package depth	327 mm
		Package height	611 mm
		Package weight	16.1 kg
		Display	
		Display included *	✗



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