



MSI MEG Vision X AI 2NVV7-004EU Intel Core Ultra 7 265K 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Windows 11 Home Desktop PC Black

Brand : MSI

Product code: MEG VISION X AI 2NVV7-004EU

Product name : MEG Vision X AI 2NVV7-004EU

- Windows 11 Home
- Intel Core Ultra 7 265K (30MB Cache)
- NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD
Intel Core Ultra 7 265K (30MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, WLAN, Bluetooth, Windows 11 Home
MSI MEG Vision X AI 2NVV7-004EU. Processor family: Intel Core Ultra 7, Processor model: 265K. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5080. Operating system installed: Windows 11 Home. Power supply: 1200 W. Chassis type: Desktop. Product type: PC. Weight: 18.2 kg. Product colour: Black



Processor		Graphics	
Processor manufacturer *	Intel	On-board GPU manufacturer	Intel
Processor family *	Intel Core Ultra 7	On-board graphics card family	Intel® Graphics
Processor generation	Intel Core Ultra (Series 2)	On-board graphics card model *	Intel® Graphics
Processor model *	265K	Network	
Processor cores	20	Ethernet LAN *	✓
Processor threads	20	Wi-Fi *	✓
Processor boost frequency	5.5 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Performance cores	8	Wi-Fi standards	Wi-Fi 7 (802.11be)
Efficient cores	12	WLAN controller model	Killer Wi-Fi 7 BE1750
Performance-core Max Turbo Frequency	5.4 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Bluetooth version	5.4
Performance-core base frequency	3.9 GHz	Ports & interfaces	
Efficient-core base frequency	3.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Processor cache	30 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	125 W	Thunderbolt 4 ports quantity	2
Maximum turbo power	250 W	Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)		Microphone in	✓
Neural processor unit (NPU)	Intel AI Boost	Headphone outputs	1
Sparsity support	✓	S/PDIF out port	✓
Windows Studio effects support	✓	Design	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Chassis type *	Desktop
Total processor performance up to	33 TOPs	Volume	42.6 L
NPU performance up to	13 TOPs	Number of 3.5" bays	1
GPU performance up to	8 TOPs	Number of 2.5" bays	1
Memory		Product colour *	Black
Internal memory *	32 GB	Performance	
Maximum internal memory *	128 GB	Motherboard chipset	Intel Z890
Internal memory type	DDR5-SDRAM	Audio chip	Realtek ALC1220P
Memory layout (slots x size)	2 x 16 GB		

Memory		Performance	
Memory slots	4x DIMM	Audio output channels	7.1 channels
Memory clock speed	5600 MHz	Product type *	PC
Storage		Software	
Total storage capacity *	2 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Power	
Optical drive type *	✗	Power supply *	1200 W
Total SSDs capacity	2 TB	80 PLUS certification	80 PLUS Gold
Number of SSDs installed	1	Operational conditions	
SSD capacity	2 TB	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 5.0	Storage temperature (T-T)	-20 - 60 °C
NVMe	✓	Operating relative humidity (H-H)	0 - 85%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 90%
M.2 SSD size	2280 (22 x 80 mm)	Weight & dimensions	
Graphics		Width *	502.7 mm
Discrete graphics card *	✓	Depth *	299.3 mm
Discrete GPU manufacturer	NVIDIA	Height *	423.4 mm
On-board graphics card *	✓	Weight *	18.2 kg
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Packaging data	
Discrete graphics card memory	16 GB	Package width	592 mm
Discrete graphics memory type	GDDR7	Package depth	442 mm
		Package height	551 mm
		Package weight	23.2 kg
		Display	
		Display included *	✗
		Other features	
		Warranty period	2 year(s)



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