



MSI Pro DP80 AI A2G-080DE PC Intel Core Ultra 5 225 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Home Desktop Black

Brand : MSI

Product family: Pro

Product code: PRO DP80 AI
A2G-080DE

Product name : PRO DP80 AI
A2G-080DE

- Windows 11 Home
- Intel Core Ultra 5 225 (20MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core Ultra 5 225 (20MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Home
MSI Pro DP80 AI A2G-080DE. Processor family: Intel Core Ultra 5, Processor model: 225. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 512 GB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel® Graphics. Wi-Fi. Operating system installed: Windows 11 Home. Chassis type: Desktop. Product type: PC. Weight: 3.83 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor family *	Intel Core Ultra 5	LAN controller	Intel I226-V
Processor generation	Intel Core Ultra (Series 2)	Wi-Fi *	✓
Processor model *	225	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor cores	10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor threads	10	WLAN controller manufacturer	Intel
Processor boost frequency	4.9 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance cores	6	Bluetooth	✓
Efficient cores	4	Bluetooth version	5.3
Performance-core Max Turbo Frequency	4.9 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	4.4 GHz	USB 2.0 ports quantity *	2
Performance-core base frequency	3.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core base frequency	2.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor cache	20 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	65 W	Thunderbolt 4 ports quantity	1
Maximum turbo power	121 W	DisplayPorts quantity	1
Neural processor unit (NPU)		DisplayPort version	1.4
Neural processor unit (NPU)	Intel AI Boost	HDMI ports quantity *	2
Sparsity support	✓	HDMI version	2.1
Windows Studio effects support	✓	Ethernet LAN (RJ-45) ports	2
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Combo headphone/mic port	✓
Total processor performance up to	23 TOPs	Headphone outputs	1
NPU performance up to	13 TOPs	VGA (D-Sub) ports quantity	1
GPU performance up to	4 TOPs	Microphone in	✓
		PS/2 ports quantity	1

Memory		Ports & interfaces	
Internal memory *	16 GB	DC-in jack	✓
Maximum internal memory *	128 GB	Expansion slots	
Internal memory type	DDR5-SDRAM	Number of 3.5" bays	1
Memory layout (slots x size)	2 x 8 GB	Design	
Memory slots	2x DIMM	Chassis type *	Desktop
Memory clock speed	5600 MHz	Volume	8 L
Storage		Placement supported	Horizontal/Vertical
Total storage capacity *	512 GB	Number of 2.5" bays	1
Storage media *	SSD	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Total SSDs capacity	512 GB	Product colour *	Black
Number of SSDs installed	1	Copilot key	✓
SSD capacity	512 GB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Home
SSD form factor	M.2	Display	
M.2 SSD size	2280 (22 x 80 mm)	Display included *	✗
Card reader integrated	✓	Audio	
Compatible memory cards	SD, microSD (TransFlash)	Audio chip	Realtek ALC897
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	0 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-20 - 60 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 85%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	0 - 90%
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width *	95 mm
Performance		Depth *	296 mm
Market positioning	Business	Height *	330 mm
Motherboard chipset	Intel B860	Weight *	3.83 kg
Product type *	PC	Packaging data	
Audio output channels	7.1 channels	Package width	451 mm
Network		Package depth	234 mm
Ethernet LAN *	✓	Package height	402 mm
		Package weight	5.83 kg
		Other features	
		Warranty period	3 year(s)



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