



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

Memory		Design	
Internal memory *	16 GB	Volume	8 L
Maximum internal memory *	128 GB	Placement supported	Horizontal/Vertical
Internal memory type	DDR5-SDRAM	Number of 3.5" bays	1
Memory layout (slots x size)	2 x 8 GB	Number of 2.5" bays	1
Memory slots	2x DIMM	Cable lock slot	✓
Memory clock speed	5600 MHz	Cable lock slot type	Kensington
Storage		Product colour *	Black
Total storage capacity *	512 GB	Copilot key	✓
Storage media *	SSD	Performance	
Optical drive type *	✗	Market positioning	Business
Total SSDs capacity	512 GB	Motherboard chipset	Intel B860
Number of SSDs installed	1	Audio chip	Realtek ALC897
SSD capacity	512 GB	Audio output channels	7.1 channels
SSD interface	PCI Express 4.0	Product type *	PC
SSD form factor	M.2	Software	
M.2 SSD size	2280 (22 x 80 mm)	Operating system installed *	Windows 11 Home
Card reader integrated	✓	Operational conditions	
Compatible memory cards	SD, microSD (TransFlash)	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-20 - 60 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	0 - 85%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 90%
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	95 mm
On-board graphics card family	Intel® Graphics	Depth *	296 mm
On-board graphics card model *	Intel® Graphics	Height *	330 mm
Network		Weight *	3.83 kg
Ethernet LAN *	✓	Packaging data	
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Package width	451 mm
LAN controller	Intel I226-V	Package depth	234 mm
Wi-Fi *	✓	Package height	402 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Package weight	5.83 kg
		Display	
		Display included *	✗
		Other features	
		Warranty period	3 year(s)



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