



MSI Pro DP80 AI A2TAG-077DE Intel Core Ultra 7 265 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Windows 11 Pro Desktop PC Black

Brand : MSI

Product family: Pro

Product code: PRO DP80 AI
A2TAG-077DE

Product name : Pro DP80 AI
A2TAG-077DE

- Windows 11 Pro
- Intel Core Ultra 7 265 (30MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
Intel Core Ultra 7 265 (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Pro DP80 AI A2TAG-077DE. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Pro. Chassis type: Desktop. Product type: PC. Weight: 3.83 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor generation	Intel Core Ultra (Series 2)	WLAN controller manufacturer	Intel
Processor model *	265	WLAN controller model	Intel Wi-Fi 6E AX211
Processor cores	20	Bluetooth	✓
Processor threads	20	Bluetooth version	5.3
Processor boost frequency	5.3 GHz	Ports & interfaces	
Performance cores	8	USB 2.0 ports quantity *	2
Efficient cores	12	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	5.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Efficient-core Max Turbo Frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance-core base frequency	2.4 GHz	Intel® Thunderbolt 4	✓
Efficient-core base frequency	1.8 GHz	Thunderbolt 4 ports quantity	1
Processor cache	30 MB	VGA (D-Sub) ports quantity	1
Processor cache type	Smart Cache	HDMI ports quantity *	2
Processor base power	65 W	HDMI version	2.1
Maximum turbo power	182 W	DisplayPorts quantity	1
Neural processor unit (NPU)		DisplayPort version	1.4
Neural processor unit (NPU)	Intel AI Boost	PS/2 ports quantity	1
Sparsity support	✓	Ethernet LAN (RJ-45) ports	2
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	33 TOPs	Combo headphone/mic port	✓
NPU performance up to	13 TOPs	DC-in jack	✓
GPU performance up to	8 TOPs		

Memory		Design	
Internal memory *	16 GB	Chassis type *	Desktop
Maximum internal memory *	128 GB	Volume	8 L
Internal memory type	DDR5-SDRAM	Placement supported	Horizontal/Vertical
Memory layout (slots x size)	2 x 8 GB	Number of 3.5" bays	1
Memory slots	2x DIMM	Number of 2.5" bays	1
Memory clock speed	5600 MHz	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	1 TB	Product colour *	Black
Storage media *	SSD	Copilot key	✓
Optical drive type *	✗	Performance	
Total SSDs capacity	1 TB	Market positioning	Business
Number of SSDs installed	1	Motherboard chipset	Intel B860
SSD capacity	1 TB	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 Pro
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 *	NVIDIA GeForce RTX 3050	Weight & dimensions	
Discrete graphics card memory	6 GB	Width *	95 mm
On-board GPU manufacturer	Intel	Depth *	296 mm
On-board graphics card family	Intel® Graphics	Height *	330 mm
On-board graphics card model *	Intel® Graphics	Weight *	3.83 kg
Network		Packaging data	
Ethernet LAN *	✓	Package width	451 mm
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Package depth	234 mm
LAN controller	Intel I226-V	Package height	402 mm
Wi-Fi *	✓	Package weight	5.83 kg
		Display	
		Display included *	✗
		Audio	
		Audio chip	Realtek ALC897
		Other features	
		Warranty period	3 year(s)



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