



**MSI Pro DP21 14M Intel Core 7 14700, Desktop PC, DP21 14M, SFF, Mini Computer, HTPC, (16GB RAM, 1TB Storage, Windows 11 ), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3**

**Brand :** MSI

**Product family:** Pro

**Product code:** PRO DP21 14M  
I7 14700 FS 16GB 1TB W11P

**Product name :** MSI PRO DP21 14M Intel Core 7 14700, Desktop PC, DP21 14M, SFF, Mini Computer, HTPC, (16GB RAM, 1TB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3

MSI PRO DP21 14M Intel Core 7 14700, Desktop PC, DP21 14M, SFF, Mini Computer, HTPC, (16GB RAM, 1TB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3  
MSI Pro DP21 14M Intel Core 7 14700, Desktop PC, DP21 14M, SFF, Mini Computer, HTPC, (16GB RAM, 1TB Storage, Windows 11 ), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3. Processor frequency: 2.1 GHz, Processor family: Intel® Core™ i7, Processor model: i7-14700. Internal memory: 16 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 UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 120 W. Chassis type: Mini Tower. Product type: Mini PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPort version	1.4
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel® Core™ i7 (14th gen)	Microphone in	✓
Processor model *	i7-14700	Headphone outputs	1
Processor cores	20	Line-out	✓
Processor threads	28	Line-in	✓
Processor boost frequency	5.4 GHz	Combo headphone/mic port	✗
Processor frequency *	2.1 GHz	S/PDIF out port	✗
Performance cores	8	DC-in jack	✓
Efficient cores	12	Number of rear USB ports	4
Performance-core Max Turbo Frequency	5.4 GHz	Number of front USB ports	4
Efficient-core Max Turbo Frequency	4.2 GHz	Number of front audio ports	2
Performance-core base frequency	2.1 GHz	Fiber NIC port (Flex I/O)	✗
Efficient-core base frequency	1.5 GHz	Design	
Processor cache	33 MB	Chassis type *	Mini Tower
Processor cache type	Smart Cache	Colour name	Black
Number of processors installed	1	Volume	2.6 L
Processor base power	65 W	Placement supported	Horizontal/Vertical
Maximum turbo power	219 W	Water cooling system	✗
Neural processor unit (NPU)		Number of 2.5" bays	2
Neural processor unit (NPU)	✗	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	16 GB	Product colour *	Black
Maximum internal memory *	64 GB	Copilot key	✗
Internal memory type	DDR5-SDRAM	Housing material	Metal, Plastic
Memory layout (slots x size)	2 x 8 GB	Viewing window	✗
Memory slots	2x SO-DIMM	RGB memory lighting	✗

Memory		Design	
Memory clock speed	5600 MHz	Introduction year	2025
ECC	✗	Introduction month	June
Non-ECC	✓	Country of origin	China
Memory channels	Dual-channel	Refurbished	✗
Buffered memory type	Clocked unregistered (unbuffered)	Certified refurbished	✗
Memory data transfer rate	5600 MT/s	Performance	
Storage		Market positioning	Business
Total storage capacity *	1 TB	Powered by	MSI
Storage media *	SSD	Virtual Reality (VR) ready	✗
Optical drive type *	✗	Motherboard chipset	Intel H610
Number of storage drives installed	1	Motherboard form factor	micro ATX
Number of storage drives supported	1	Compatible processor series	Intel Core i7 14th Gen
Total HDDs capacity	0 GB	Audio chip	Realtek ALC897
Total SSDs capacity	1 TB	Audio system	High Definition Audio
Number of SSDs installed	1	Audio output channels	7.1 channels
SSD capacity	1 TB	Built-in speaker(s)	✗
SSD memory type	TLC	Password protection	✓
SSD interface	PCI Express 3.0	Password protection type	BIOS, User
NVMe	✓	Fingerprint reader	✗
SSD form factor	M.2	BIOS type	UEFI
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
Intel® Optane™ Memory module installed	✗	Product type *	Mini PC
Graphics		Sound pressure level	28 dB
Discrete graphics card *	✗	Software	
On-board graphics card *	✓	Operating system installed *	Windows 11 Pro
Discrete graphics card memory	0 GB	Operating system architecture	64-bit
On-board GPU manufacturer	Intel	Windows 11 free upgrade	✗
On-board graphics card family	Intel® UHD Graphics	Operating system language	English
On-board graphics card model *	Intel UHD Graphics 770	Apple Intelligence	✗
On-board graphics card cores	32	Copilot+ PC	✗
On-board graphics card 6K support	✓	Drivers included	✓
On-board graphics card 8K support	✓	Power	
Number of external displays supported	3	Power supply *	120 W
Graphics card Open GL support	✓	Power supply input voltage	100 - 240 V
NVIDIA G-SYNC	✗	Power supply input frequency	50 - 60 Hz
NVIDIA GameWorks VR	✗	Power consumption (typical)	35 W
CUDA	✗	Power consumption (standby)	8 W
AMD FreeSync	✗	Power consumption (max)	95 W
Ray tracing acceleration	✗	80 PLUS certification	No
Graphics card HDMI ports quantity	1	USB Type-C output power	15 W
Graphics card DisplayPorts quantity	1	Operational conditions	
Network		Operating temperature (T-T)	0 - 35 °C
Ethernet LAN *	✓	Storage temperature (T-T)	-20 - 60 °C
Ethernet LAN data rates	1000 Mbit/s	Operating relative humidity (H-H)	0 - 85%
Cabling technology	10/100/1000Base-T(X)	Storage relative humidity (H-H)	0 - 90%
Wi-Fi *	✓	Operating vibration	0.25 G
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Non-operating vibration	0.5 G
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Operating shock	10 G
WLAN controller manufacturer	Intel	Non-operating shock	60 G
WLAN controller model	Intel Wi-Fi 6E AX211	Certificates	
Antenna type	2x2	Waste Electrical and Electronic Equipment (WEEE) compliance	✓
Bluetooth	✓	Low halogen	✗
Bluetooth version	5.3	PSTI certified	✗
Bluetooth Low Energy (BLE)	✓		

Network		Certificates	
Wake-on-LAN ready	✓	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Miracast	✓		
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	204 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Depth *	208 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Height *	54.8 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Weight *	1.27 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Package width	271 mm
Intel® Thunderbolt 4	✗	Package depth	382 mm
Intel® Thunderbolt 5	✗	Package height	122 mm
DVI port	✗	Package weight	2.8 kg
HDMI ports quantity *	1	Packaging content	
HDMI version	2.1	Mouse included	✗
DisplayPorts quantity	1	Keyboard included	✗
		Keyboard backlit	✗
		Numeric keypad	✗
		Cables included	AC
		Power cable length	1.5 m
		VESA mount included	✗
		Screws included	✗
		Manual	✓
		Display	
		Display included *	✗
		Technical details	
		Statement of conformance & platform certificate included	✓
		Other features	
		TV tuner integrated	✗
		Built-in microphone	✗
		Locale	English
		Warranty period	3 year(s)



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### Catalog Object Cloud



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