



MSI Pro DP180 14A Intel Core 7 14700, Desktop PC, DP180 14A, 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 DP180 14A
I7 14700 FS 16GB 1TB W11P

Product name : MSI PRO
DP180 14A Intel Core 7 14700,
Desktop PC, DP180 14A, SFF,
Mini Computer, HTPC, (16GB
RAM, 1TB Storage, Windows 11
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HDMI/Dual LAN/WiFi 6E/BT 5.3

MSI PRO DP180 14A Intel Core 7 14700, Desktop PC, DP180 14A, 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 DP180 14A Intel Core 7 14700, Desktop PC, DP180 14A, 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: 350 W. Chassis type: Mini Tower. Product type: Mini PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Intel® Thunderbolt 5	×
Processor family *	Intel® Core™ i7	VGA (D-Sub) ports quantity	1
Processor generation	Intel® Core™ i7 (14th gen)	DVI port	×
Processor model *	i7-14700	HDMI ports quantity *	1
Processor cores	20	HDMI version	2.1
Processor threads	28	DisplayPorts quantity	1
Processor boost frequency	5.4 GHz	DisplayPort version	1.4
Processor frequency *	2.1 GHz	PS/2 ports quantity	1
Performance cores	8	Ethernet LAN (RJ-45) ports	2
Efficient cores	12	Microphone in	✓
Performance-core Max Turbo Frequency	5.4 GHz	Headphone outputs	1
Efficient-core Max Turbo Frequency	4.2 GHz	Line-out	✓
Performance-core base frequency	2.1 GHz	Line-in	✓
Efficient-core base frequency	1.5 GHz	Combo headphone/mic port	×
Processor cache	33 MB	S/PDIF out port	×
Processor cache type	Smart Cache	DC-in jack	×
Number of processors installed	1	Serial ports quantity	1
Processor base power	65 W	Number of rear USB ports	5
Maximum turbo power	219 W	Number of front USB ports	3
Neural processor unit (NPU)		Number of front audio ports	2
Neural processor unit (NPU)	×	Number of rear audio ports	3
Memory		Fiber NIC port (Flex I/O)	×
Internal memory *	16 GB	Design	
Maximum internal memory *	64 GB	Chassis type *	Mini Tower
Internal memory type	DDR5-SDRAM	Colour name	Black
Memory layout (slots x size)	2 x 8 GB	Placement supported	Vertical
Memory slots	2x SO-DIMM	VESA mounting	×

Memory		Design	
Memory clock speed	5600 MHz	Water cooling system	✗
ECC	✗	Number of 2.5" bays	1
Non-ECC	✓	Cable lock slot	✓
Memory channels	Dual-channel	Cable lock slot type	Kensington
Buffered memory type	Clocked unregistered (unbuffered)	Product colour *	Black
Memory data transfer rate	5600 MT/s	Copilot key	✗
Storage		Housing material	Metal, Plastic
Total storage capacity *	1 TB	Viewing window	✗
Storage media *	SSD	RGB memory lighting	✗
Optical drive type *	✗	Introduction year	2025
Number of storage drives installed	1	Introduction month	June
Number of storage drives supported	1	Country of origin	China
Total HDDs capacity	0 GB	Refurbished	✗
HDD capacity	0 GB	Certified refurbished	✗
Total SSDs capacity	1 TB	Performance	
Number of SSDs installed	1	Market positioning	Business
SSD capacity	1 TB	Powered by	MSI
SSD memory type	TLC	Virtual Reality (VR) ready	✗
SSD interface	PCI Express 3.0	Motherboard chipset	Intel H610
NVMe	✓	Motherboard form factor	micro ATX
SSD form factor	M.2	Compatible processor series	Intel Core i7 14th Gen
M.2 SSD size	2280 (22 x 80 mm)	Audio chip	Realtek ALC897
Card reader integrated	✗	Audio system	High Definition Audio
Intel® Optane™ Memory module installed	✗	Audio output channels	7.1 channels
Graphics		Built-in speaker(s)	✗
Discrete graphics card *	✗	Product type *	Mini PC
On-board graphics card *	✓	Software	
Discrete graphics card memory	0 GB	Operating system installed *	Windows 11 Pro
On-board GPU manufacturer	Intel	Operating system architecture	64-bit
On-board graphics card family	Intel® UHD Graphics	Windows 11 free upgrade	✗
On-board graphics card model *	Intel UHD Graphics 770	Operating system language	English
On-board graphics card cores	32	Apple Intelligence	✗
On-board graphics card 6K support	✓	Copilot+ PC	✗
On-board graphics card 8K support	✓	Drivers included	✓
Number of external displays supported	3	Power	
Graphics card Open GL support	✓	Power supply *	350 W
NVIDIA G-SYNC	✗	Power supply input voltage	100 - 240 V
NVIDIA GameWorks VR	✗	Power supply input frequency	50 - 60 Hz
CUDA	✗	Power consumption (typical)	35 W
AMD FreeSync	✗	Power consumption (standby)	8 W
Ray tracing acceleration	✗	80 PLUS certification	80 PLUS Bronze
Graphics card HDMI ports quantity	1	Operational conditions	
Graphics card DisplayPorts quantity	1	Operating temperature (T-T)	0 - 35 °C
Network		Storage temperature (T-T)	-20 - 60 °C
Ethernet LAN *	✓	Operating relative humidity (H-H)	0 - 85%
Ethernet LAN data rates	1000 Mbit/s	Storage relative humidity (H-H)	0 - 90%
Cabling technology	10/100/1000Base-T(X)	Certificates	
Wi-Fi *	✓	Waste Electrical and Electronic Equipment (WEEE) compliance	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Low halogen	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	PSTI certified	✗
WLAN controller manufacturer	Intel	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
WLAN controller model	Intel Wi-Fi 6E AX211	Weight & dimensions	
Antenna type	2x2	Width *	168 mm
Bluetooth	✓	Depth *	323 mm
Bluetooth version	5.3		

Network		Weight & dimensions	
Bluetooth Low Energy (BLE)	✓	Height *	369 mm
Wake-on-LAN ready	✓	Weight *	7.59 kg
Miracast	✓	Package width	565 mm
Ports & interfaces		Package depth	242 mm
USB 2.0 ports quantity *	4	Package height	510 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Package weight	9.03 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Packaging content	
PowerShare	✗	Mouse included	✗
USB Type-C DisplayPort Alternate Mode	✗	Keyboard included	✗
Intel® Thunderbolt 4	✗	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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