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MSI Pro DP80 A14G Intel Core 5 14400, Desktop PC, DP80 A14G, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3

Brand : MSI

Product family: Pro

Product code: PRO DP80 A14G I5 14400 FS 16GB 500GB W11P

Product name : MSI PRO DP80 A14G Intel Core 5 14400, Desktop PC, DP80 A14G, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3

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MSI Pro DP80 A14G Intel Core 5 14400, Desktop PC, DP80 A14G, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3. Processor frequency: 2.5 GHz, Processor family: Intel® Core™ i5, Processor model: i5-14400. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: Mini Tower. Product type: PC. Product colour: Black

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	Intel® Core™ i5 (14th gen)
Processor model *	i5-14400
Processor cores	10
Processor threads	16
Processor boost frequency	4.7 GHz
Processor frequency *	2.5 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.7 GHz
Efficient-core Max Turbo Frequency	3.5 GHz
Performance-core base frequency	2.5 GHz
Efficient-core base frequency	1.8 GHz
Processor cache	20 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	148 W

Neural processor unit (NPU)

Neural processor unit (NPU)	✗

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Memory clock speed	5600 MHz
ECC	✗
Non-ECC	✔
Memory channels	Dual-channel
Buffered memory type	Clocked unregistered (unbuffered)

Ports & interfaces

Headphone outputs	1
Line-out	✔
Line-in	✔
Combo headphone/mic port	✗
S/PDIF out port	✗
DC-in jack	✗
Serial ports quantity	1
Number of rear USB ports	6
Number of front USB ports	3
Number of front audio ports	2
Number of rear audio ports	3
Fiber NIC port (Flex I/O)	✗
Total number of SATA connectors	4
Number of SATA III connectors	4

Expansion slots

PCI Express x1 slots	1
PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 slots	1
PCI Express x16 (Gen 4.x) slots	1

Design

Chassis type *	Mini Tower
Colour name	Black
Placement supported	Vertical
Water cooling system	✗
Number of 3.5" bays	1
Number of 2.5" bays	1
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black
Copilot key	✗
Housing material	Metal, Steel

Memory

Memory data transfer rate	38.4 MT/s

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total HDDs capacity	0 GB
HDD capacity	0 GB
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Intel® Optane™ Memory module installed	✘
Intel® Optane™ Memory module capacity	0 GB
Embedded storage capacity	0 MB

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 730
On-board graphics card cores	24
On-board graphics card 6K support	✘
On-board graphics card 8K support	✔
Number of external displays supported	3
Graphics card Open GL support	✔
NVIDIA G-SYNC	✘
NVIDIA GameWorks VR	✘
CUDA	✘
AMD FreeSync	✘
Ray tracing acceleration	✘
Graphics card HDMI ports quantity	1
Graphics card DisplayPorts quantity	1
Graphics card VGA (D-Sub) ports quantity	1

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
LAN controller	Intel® I219-V, Intel I226-V
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✔
Bluetooth version	5.3
Bluetooth Low Energy (BLE)	✔
Wake-on-LAN ready	✔
Miracast	✔

Design

Viewing window	✘
RGB memory lighting	✘
Introduction year	2025
Introduction month	June
Country of origin	China
Refurbished	✘
Certified refurbished	✘

Performance

Market positioning	Business
Powered by	MSI
Virtual Reality (VR) ready	✘
Motherboard chipset	Intel H610
Motherboard form factor	micro ATX
Compatible processor series	Intel Core i5 14th Gen
Audio chip	Realtek ALC897
Audio system	High Definition Audio
Audio output channels	7.1 channels
Built-in speaker(s)	✘
Password protection	✔
Password protection type	BIOS, HDD
Fingerprint reader	✘
BIOS type	UEFI AMI
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Product type *	PC

Software

Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit
Windows 11 free upgrade	✘
Operating system language	English
Apple Intelligence	✘
Copilot+ PC	✘
Drivers included	✔

Processor special features

Video decode engine	✔
Video encode engine	✔

Power

Power supply *	300 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz
Power consumption (max)	219 W
80 PLUS certification	80 PLUS Bronze

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	0 - 85%
Storage relative humidity (H-H)	0 - 90%
Operating altitude	0 - 2000 m
Non-operating altitude	0 - 12000 m
Operating vibration	0.21 G
Non-operating vibration	2 G
Operating shock	10 G
Non-operating shock	40 G

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
PowerShare	✔
Number of USB ports with PowerShare support	1
USB Type-C DisplayPort Alternate Mode	✘
Intel® Thunderbolt 4	✘
Intel® Thunderbolt 5	✘
VGA (D-Sub) ports quantity	1
DVI port	✘
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
PS/2 ports quantity	1
Ethernet LAN (RJ-45) ports	2
Microphone in	✔

Certificates

Waste Electrical and Electronic Equipment (WEEE) compliance	✔
Low halogen	✘
PSTI certified	✘
Compliance certificates	CE, Federal Communications Commission (FCC), RoHS

Weight & dimensions

Width *	95 mm
Depth *	296 mm
Height *	330 mm
Package width	561 mm
Package depth	234 mm
Package height	402 mm

Packaging content

Mouse included	✘
Keyboard included	✘
Keyboard backlit	✘
Numeric keypad	✘
Cables included	AC
VESA mount included	✘
Screws included	✘
Manual	✔

Display

Display included *	✘

Technical details

Not classified as hazardous under GHS	✔

Other features

Video compression formats	H.264, H.265
TV tuner integrated	✘
Built-in microphone	✘
Locale	English
Warranty period	3 year(s)

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Catalog Object Cloud