



## MSI PRO DP80 A14G Intel Core 7 14700, Barebone, DP80 A14G, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3

**Brand :** MSI

**Product code:** PRO DP80 A14G I7 14700 BB

**Product name :** MSI PRO DP80 A14G Intel Core 7 14700, Barebone, DP80 A14G, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3



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MSI PRO DP80 A14G Intel Core 7 14700, Barebone, DP80 A14G, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3. Chassis type: Mini-Tower, Product type: PC barebone. Motherboard chipset: Intel H610, Processor socket: LGA 1700, BIOS type: UEFI. Number of memory slots: 2, Maximum internal memory: 0 GB. Supported storage drive types: SSD. Ethernet LAN (RJ-45) ports: 2. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active. Power supply: 300 W

Processor		Processor special features	
Processor manufacturer	Intel	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor family	Intel® Core™ i7	Embedded options available	✗
Processor cores	20	Intel Dual Display Capable Technology	✓
Processor boost frequency	5.4 GHz	Intel Rapid Storage Technology	✓
Processor frequency	2.1 GHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Performance cores	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Efficient cores	12	Intel® Quick Sync Video Technology	✓
Performance-core Max Turbo Frequency	5.3 GHz	Intel® InTru™ 3D Technology	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Intel® Insider™	✓
Performance-core base frequency	2.1 GHz	Intel® Wireless Display (Intel® WiDi)	✗
Efficient-core base frequency	1.5 GHz	Intel FDI Technology	✓
Built-in processor *	✓	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	10 nm	Intel® Turbo Boost Technology	✓
Processor cache	33 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
L2 cache	28 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
L3 cache	33 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	65 W	Intel 64	✓
ECC supported by processor	✓	Intel® My WiFi Technology (Intel® MWT)	✗
Memory		Idle States	✓
Memory slots type *	DIMM	Enhanced Intel SpeedStep Technology	✓
Number of memory slots *	2	Intel Demand Based Switching	✓
Maximum internal memory	0 GB	Thermal Monitoring Technologies	✓
Memory bandwidth (max)	64 GB/s	Intel Fast Memory Access	✓
Storage		Intel Flex Memory Access	✓
Supported storage drive types *	SSD	Intel® Identity Protection Technology (Intel® IPT)	✓
Storage drive sizes supported *	2.5,3.5,M.2	Intel Trusted Execution Technology	✗
SSD form factor	M.2		
Graphics			
On-board graphics card *	✗		
Audio			
Built-in speaker(s) *	✗		
Network			
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)		

Network		Processor special features	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Execute Disable Bit	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Intel® Smart Cache	✓
Ethernet LAN *	✓	Intel Visual BIOS	✗
Wi-Fi *	✓	Intel Express BIOS update	✓
LAN controller	Intel® I219-V, Intel I226-V	Intel TSX-NI	✗
Bluetooth	✓	Intel® Matrix Storage Technology (Intel® MST)	✗
Bluetooth version	5.3	Intel Smart Connect Technology	✗
Ports & interfaces		Intel® Small Business Advantage (Intel® SBA)	✗
USB 2.0 ports quantity *	4	Intel® Secure Key	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Intel® Smart Response Technology	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Intel Stable Image Platform Program (SIPP)	✗
Internal USB 2.0 ports quantity	4	Intel® OS Guard	✓
Internal USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	4	Conflict-Free	✓
HDMI ports quantity *	1	Intel® Rapid Start Technology	✗
HDMI version	2.1	Intel Advanced Management Technology	✗
VGA (D-Sub) ports quantity *	1	Intel Clear Video Technology	✓
DVI port	✗	Intel® Unite™	✗
DisplayPorts quantity	1	Intel Unite installed	✗
DisplayPort version	1.4	Intel® Optane™ Memory Ready	✓
Microphone in	✓	Intel® Platform Trust Technology (Intel® PTT)	✓
Headphone outputs	1	Intel Virtualization Technology (VT-x)	✓
Combo headphone/mic port	✗	Technical details	
PS/2 ports quantity	1	Not classified as hazardous under GHS	✓
Ethernet LAN (RJ-45) ports *	2	Certificates	
Serial ports quantity	1	Waste Electrical and Electronic Equipment (WEEE) compliance	✓
S/PDIF out port	✗	Software	
CardBus PCMCIA slot type	✗	Windows operating systems supported	✗
COM ports quantity	1	Linux operating systems supported	✗
Consumer infrared headers	✗	Power	
Serial port via internal header	✓	Power supply type *	Internal power supply unit
USB charging	✗	Power supply	300 W
TV-out	✗	Number of power supply units	1
DC-in jack	✗	AC input voltage	100 - 240 V
Expansion slots		AC input frequency	50/60 Hz
PCI Express slots version	4.0	Operational conditions	
PCI Express x1 slots	1	Operating temperature (T-T)	0 - 35 °C
PCI Express x16 slots	1	Storage temperature (T-T)	-20 - 60 °C
Number of M.2 (M) slots	1	Operating relative humidity (H-H)	0 - 85%
Design		Storage relative humidity (H-H)	0 - 90%
Chassis type *	Mini-Tower	Weight & dimensions	
Product colour *	Black	Width	95 mm
Cooling type *	Active	Depth	296 mm
On/off switch	✓	Height	330 mm
Housing material	Metal, Plastic	Package width	561 mm
Cable lock slot	✓	Package depth	234 mm
Cable lock slot type	Kensington	Package height	372 mm
Product type *	PC barebone	Packaging content	
Performance		Power cord included	✓
Motherboard form factor	micro ATX		
Motherboard chipset	Intel H610		
Processor socket	LGA 1700		
Number of processors supported	1		
Compatible processor series	Intel Core i7 14th Gen		

Performance		Packaging content	
Supported processor frequency (max)	5.4 GHz	AC adapter included	✓
BIOS type	UEFI	Quick start guide	✓
ACPI version	5.0	Drivers included	✗
Trusted Platform Module (TPM)	✓	Display included	✗
Trusted Platform Module (TPM) version	2.0	Mouse included	✗
Audio output channels	7.1 channels	Keyboard included	✗
Audio chip	Realtek ALC897	Other features	
Consumer infrared Rx sensor	✗	Country of origin	China
Processor special features		Introduction month	June
Intel® vPro™ Platform Eligibility	✗	Introduction year	2025
Intel On-Demand Power Redundancy Technology	✗	Warranty period	3 year(s)



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### **Catalog Object Cloud**



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