## 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 17 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 family * Intel® Core™ i7 Ethernet LAN (R]-45) ports 1 Processor generation Intel® Core™ i7 (14th gen) Microphone in	Processor		Ports & interfaces	
Processor generation	Processor manufacturer *	Intel	DisplayPort version	1.4
Processor model * i7-14700 Headphone outputs 1 Processor cores 20 Line-out	Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor cores 20 Line-out	Processor generation	Intel® Core™ i7 (14th gen)	Microphone in	✓
Processor threads 28 Line-in   Processor boost frequency 5.4 GHz   Combo headphone/mic port   X Processor frequency 2.1 GHz   S/PDIF out port   X Performance cores 8   S/PDIF out port   X Performance-core Max Turbo   Frequency 5.4 GHz   Number of rear USB ports   Number of front usb ports   Performance-core base frequency   Processor cache   Processor cache   Processor cache   Processor cache type   Number of processors installed   Processor base power   Number of processors installed   Processor base power   Number of processor installed   Processor base power   Number of processor installed   Number o	Processor model *	i7-14700	Headphone outputs	1
Processor boost frequency 5.4 GHz Processor frequency 2.1 GHz Performance cores 8 Efficient cores 12 Performance-core Max Turbo Frequency 5.4 GHz Performance-core Max Turbo Frequency 4.2 GHz Performance-core base frequency 2.1 GHz Performance-core base frequency 4.2 GHz Performance-core base frequency 2.1 GHz Performance-core base frequency 4.2 GHz Performance-core base frequency 2.1 GHz Performance-core base frequency 33 MB Processor cache 70 Processor cache 70 Processor cache 70 Processor cache 70 Processor sinstalled 1 Colour name 81 Processor base power 65 W Volume 2.6 L Processor base power 219 W Placement supported Horizontal/Vertical  Water cooling system X Number of 2.5" bays 2 Cable lock slot    Wemory  Internal memory * 16 GB Product colour * Black  Maximum internal memory * 64 GB Copilot key X Internal memory type DDR5-SDRAM Housing material Metal, Plastic  Memory layout (slots x size) 2 x 8 GB  Memory Number of late.	Processor cores	20	Line-out	✓
Processor frequency * 2.1 GHz  Performance cores 8  Efficient cores 12  Performance-core Max Turbo Frequency 5.4 GHz  Efficient-core Max Turbo Frequency 4.2 GHz  Performance-core base frequency 2.1 GHz  Efficient-core base frequency 2.1 GHz  Processor cache 33 MB  Processor cache type Smart Cache Colour name Black  Processor base power 65 W Volume 2.6 L  Maximum turbo power 219 W  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural memory * 16 GB  Maximum internal memory * 64 GB  Maximum internal memory * 64 GB  Memory Lag A GB  Memory Lag A GB  Memory Lag A GB  Number of prodessor unit (NPU)  Neural processor unit (street of the street of	Processor threads	28	Line-in	1
Processor frequency* 2.1 GHz  Performance cores 8  Efficient cores 12  Performance-core Max Turbo 5.4 GHz  Efficient-core Max Turbo Frequency 4.2 GHz  Performance-core base frequency 2.1 GHz  Efficient-core base frequency 2.1 GHz  Efficient-core base frequency 2.1 GHz  Efficient-core base frequency 1.5 GHz  Processor cache 33 MB  Processor cache 33 MB  Processor cache 55 W  Number of protessors installed 1  Processor base power 65 W  Maximum turbo power 219 W  Placement supported Horizontal/Vertical  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural memory * 16 GB  Maximum internal memory * 64 GB  Maximum internal memory * 52 SO IMM  Memory layout (slots x size) 2 x 8 GB  Maximum winder of the Size A GB  Viewing window  Viewing window  X  Volume 2.6 L  Water cooling system X  Number of 2.5" bays 2  Cable lock slot   Cable lock slot   X  Kensington  Metal, Plastic  Metal, Plastic  Memory layout (slots x size) 2 x 8 GB  Viewing window  X  Number of 2x SO IMM  Viewing window  X  Number of 2x SO IMM  X  Number of 2x SO IMM  Neural processor unit Metal, Plastic	Processor boost frequency	5.4 GHz	Combo headphone/mic port	•
Performance cores  12  DC-in jack  V Performance-core Max Turbo Frequency  S.4 GHz  Number of rear USB ports  Number of front USB ports  4  Efficient-core Max Turbo Frequency  Performance-core base frequency  Performance-core base frequency  Performance-core base frequency  Performance-core base frequency  Processor cache  33 MB  Processor cache  Chassis type *  Colour name  Black  Number of processors installed  Processor base power  65 W  Volume  Volume  Placement supported  Horizontal/Vertical  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural memory  16 GB  Product colour *  Maximum internal memory *  64 GB  Maximum internal memory type  DDR5-SDRAM  Memory  Neuron Science  Number of colour name  Design  Number of Processor  Mini Tower  Mini Tower  Mini Tower  Number of 2.6 L  Horizontal/Vertical  Water cooling system  X  Number of 2.5" bays  2  Cable lock slot  Memory  Reason Science  Reason  Mexiculture  Neural memory *  Number of colour *  Neural processor  Number of 2.5" bays  2  Cable lock slot  Memory  Number of 2.5" bays  2  Cable lock slot type  Neural processor  Number of 2.5" bays  2  Cable lock slot  Memory  Number of 2.5" bays  Acable lock slot  Memory  Number of 2.5" b	Processor frequency *	2.1 GHz	, , ,	
Performance-core Max Turbo Frequency  5.4 GHz  Number of rear USB ports  Number of front audio ports  Performance-core base frequency  Performance-core base frequency  1.5 GHz  Processor cache  Processor cache  Number of front audio ports  Peign  Posign  Posign	Performance cores	8		×
Frequency  Frederic Number of Frent USB ports  A was a comparison of Frent usudo ports  Frederic Number of Free NIC port (Flex I/O)  X  Maximum turbo post (Se W Mini Tower  Frederic Number of Free NIC port (Flex I/O)  X  Frederic Number of Free NIC port (Flex I/O)  X  Memory Substance of Chassis type  Frederic Number of Free NIC port (Flex I/O)  X  Memory Substance of Free NIC port (Flex I/O)  X  Memory Substance of Free NIC port (Flex I/O)  X  Mini Tower  Mini Tower  Mini Tower  Ment of Lose I was a comparison of Substance	Efficient cores	12	DC-in jack	✓
Frequency  Efficient-core Max Turbo Frequency  Performance-core base frequency  2.1 GHz  Efficient-core base frequency  1.5 GHz  Processor cache  Processor cache type  Number of front audio ports  Efficient-core base frequency  1.5 GHz  Processor cache  Processor cache type  Number of processors installed  1 Colour name  Black  Processor base power  Maximum turbo power  Efficient-core base frequency  1.5 GHz  Processor cache  Processor cache  Number of processors installed  1 Colour name  Black  Volume  2.6 L  Placement supported  Horizontal/Vertical  Water cooling system  X  Number of 2.5" bays  2 Cable lock slot  ✓  Memory  Internal memory *  16 GB  Product colour *  Maximum internal memory *  16 GB  Product colour *  Memory Usyout (slots x size)  2 x 8 GB  Viewing window  X  Number of front USB ports  4  Kumber of front audio ports  2 Cable Number of Flow I/O)  X  Memory Usyout (slots x size)  2 x 8 GB  Number of front audio ports  2 Cable Number of Flow I/O)  X  Memory Isolate (Flow I/O)  X  Memory Isolate (Slots X size)  2 x 8 GB  Number of front udio ports  2 base in audio ports  2 cable Number of Flow I/O)  X  Memory Isolate (Flow I/O)  X  Memory Isolate (Slots X size)  2 x 8 GB NIMM  Number of front audio ports  2 base in audio ports  2 cable Iok I/O)  X  Efficient-core base frequency  Product colour *  Number of front audio ports  A thick Included I	Performance-core Max Turbo	5.4 GHz	'	4
Performance-core base frequency 2.1 GHz Fiber NIC port (Flex I/O) X  Efficient-core base frequency 1.5 GHz  Processor cache 33 MB  Processor cache type Smart Cache Chassis type * Mini Tower  Number of processors installed 1 Colour name Black  Processor base power 65 W Volume 2.6 L  Maximum turbo power 219 W Placement supported Horizontal/Vertical  Neural processor unit (NPU) X Cable lock slot ✓  Memory Cable lock slot type Kensington  Internal memory * 16 GB Copilot key Summer of the supported Metal, Plastic  Memory layout (slots x size) 2 x 8 GB Viewing window X  Neuron processor uniter (Slots x Size) 2 x 8 GB Viewing window X  Volume 2.6 L  Chassis type * Mini Tower  Mini Tower  Menory Slots (Clour name Slack  Mini Tower  Mini Tower  Colour name Slack  Volume 2.6 L  Colour name 2.6 L  Colour name Slack  Volume 2.6 L  Colour name Slack  Colour name Slots (Clour name Slack  Mini Tower  Mini Tower  Mini Tower  Colour name Slack  Colour name Slack  Colour name Slate  Colour name Slate  Menory Slots (Slots x size) 2 x 8 GB  Viewing window X	• •		•	4
Efficient-core base frequency Processor cache Processor cache Processor cache type Smart Cache Number of processors installed Processor base power Maximum turbo power  Neural processor unit (NPU) Neural processor unit (NPU)  Neural processor unit (NPU)  Nemory  Internal memory *  16 GB Maximum internal memory *  64 GB Internal memory type DDR5-SDRAM Memory layout (slots x size)  Pesign  Chassis type *  Mini Tower  Mini Touer  Mini Tower  Mini Touer  Mini Tower  Mini Touer  Mini Tou			Number of front audio ports	2
Processor cache Processor cache type Smart Cache Chassis type * Mini Tower  Colour name Black Processor base power Maximum turbo power Meural processor unit (NPU) Neural processor unit (NPU)  Neural processor unit (NPU)  Nemory  Internal memory *  Maximum internal memory *  Memory type  DDR5-SDRAM Memory layout (slots x size)  Processor cache Chassis type * Mini Tower Mini Tower  A Mender Colling  Metal Plastic  X  Metal, Plastic			Fiber NIC port (Flex I/O)	×
Processor cache Processor cache type Smart Cache Number of processors installed Processor base power 65 W Volume State Maximum turbo power 219 W Placement supported Water cooling system Neural processor unit (NPU) Neural processor unit (NPU)  Neura	' '		Design	
Number of processors installed 1 Colour name Black Processor base power 65 W Volume 2.6 L  Maximum turbo power 219 W Placement supported Horizontal/Vertical  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  X Cable lock slot  Cable lock slot  Cable lock slot type Kensington  Internal memory * 16 GB Product colour * Black  Maximum internal memory * 64 GB Copilot key X  Internal memory type DDR5-SDRAM Housing material Metal, Plastic  Memory layout (slots x size) 2 x 8 GB  Name of the same and the			9	Mini Tower
Processor base power 65 W Volume 2.6 L  Maximum turbo power 219 W Placement supported Horizontal/Vertical  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  X  Cable lock slot  Cable lock slot type  Kensington  Internal memory * 16 GB  Maximum internal memory * 64 GB  Internal memory type  DDR5-SDRAM  Memory layout (slots x size)  2 x 8 GB  Memory clots  Nolume  2.6 L  Horizontal/Vertical  X  Kanimal Horizontal/Vertical  X  Number of 2.5" bays  2 Cable lock slot  ✓  Cable lock slot  ✓  Cable lock slot type  Kensington  Black  X  Metal, Plastic  Memory layout (slots x size)  2 x 8 GB  Viewing window  Memory slots	· ·		,,	
Maximum turbo power 219 W Placement supported Horizontal/Vertical  Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  X  Cable lock slot  Cable lock slot type  Nemory  Internal memory *  Maximum internal memory *  64 GB  Copilot key  X  Internal memory type  DDR5-SDRAM  Memory layout (slots x size)  2 x 8 GB  Nemory slots  Nemory slots  Nemory slots  Net rooling system  X  Number of 2.5" bays  Cable lock slot  Y  Cable lock slot type  Kensington  Black  X  Metal, Plastic  X  Memory layout (slots x size)  X  Memory slots  Nemory slots  Nemory slots  Nemory slots  Nemory slots	•			
Neural processor unit (NPU)  Neural processor unit (NPU)  Neural processor unit (NPU)  X  Cable lock slot  Cable lock slot type  Internal memory *  Maximum internal memory *  Maximum internal memory *  DDR5-SDRAM  Memory layout (slots x size)  X  Maximum internal memory *  A GB  DViewing window  X  Water cooling system  X  Kensington  Black  X  Mensington  Black  X  Metal, Plastic  X  Memory layout (slots x size)  X  Memory slots  A GB  Viewing window  X  Memory slots	'			
Neural processor unit (NPU)  Neural processor unit (NPU)  Number of 2.5" bays  Cable lock slot  Cable lock slot type  Kensington  Internal memory * 16 GB  Maximum internal memory * 64 GB  Copilot key  Internal memory type  DDR5-SDRAM  Memory layout (slots x size)  2 x 8 GB  Viewing window  Number of 2.5" bays  Cable lock slot  Cable lock slot  Cable lock slot type  Kensington  Mensing material  Metal, Plastic  X  Memory slots  Amount slots  X  Memory slots  Amount slots  Am	Maximum turbo power	219 W	• • •	•
Neural processor unit (NPU)       X       Cable lock slot       ✓         Memory       Cable lock slot type       Kensington         Internal memory *       16 GB       Product colour *       Black         Maximum internal memory *       64 GB       Copilot key       X         Internal memory type       DDR5-SDRAM       Housing material       Metal, Plastic         Memory layout (slots x size)       2 x 8 GB       Viewing window       X	Neural processor unit (NPU)		3 ,	
Memory       Cable lock slot type       Kensington         Internal memory *       16 GB       Product colour *       Black         Maximum internal memory *       64 GB       Copilot key       X         Internal memory type       DDR5-SDRAM       Housing material       Metal, Plastic         Memory layout (slots x size)       2 x 8 GB       Viewing window       X	Neural processor unit (NPU)	x	•	
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 clots  2 x 5 C DIMM	Memory			
Internal memory type DDR5-SDRAM Housing material Metal, Plastic  Memory layout (slots x size) 2 x 8 GB Viewing window  Memory slots 2 x SO DIMM	Internal memory *	16 GB	• • •	•
Internal memory type DDR5-SDRAM Housing material Metal, Plastic  Memory layout (slots x size) 2 x 8 GB Viewing window  Memory slots 2 x SO DIMM	Maximum internal memory *	64 GB	Copilot key	×
Memory layout (slots x size) 2 x 8 GB Viewing window X	Internal memory type	DDR5-SDRAM	, ,	Metal, Plastic
Moment clots 2x SO DIMM	Memory layout (slots x size)	2 x 8 GB	•	
	Memory slots	2x SO-DIMM	3	

Momony		Docian	
Memory	EC00 MII-	Design	2025
Memory clock speed	5600 MHz	Introduction year Introduction month	2025 June
ECC	X	Country of origin	China
Non-ECC	Puel channel	Refurbished	X
Memory channels Buffered memory type	Dual-channel Clocked unregistered (unbuffered)	Certified refurbished	X
Memory data transfer rate	5600 MT/s		^
Storage	3000 14173	Performance	
_	1 TB	Market positioning Powered by	Business MSI
Total storage capacity * Storage media *	SSD	Virtual Reality (VR) ready	X
Optical drive type *	X	Motherboard chipset	Intel H610
Number of storage drives installed	1	Motherboard form factor	micro ATX
Number of storage drives supported		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	<b>✓</b>
SSD interface NVMe	PCI Express 3.0	Password protection type	BIOS, User
SSD form factor	M.2	Fingerprint reader	×
M.2 SSD size	2280 (22 x 80 mm)	BIOS type	UEFI
Card reader integrated	X	Trusted Platform Module (TPM)	<b>✓</b>
Intel® Optane™ Memory module		Trusted Platform Module (TPM) version	2.0
installed	X	Product type *	Mini PC
Graphics		Sound pressure level	28 dB
Discrete graphics card *	×	Software	
On-board graphics card *	<b>√</b>	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	<b>✓</b>
On-board graphics card 8K support	•	Power	
Number of external displays supported	3	Power supply *	120 W
Graphics card Open GL support	<b>✓</b>	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		Operational conditions	
Network		Operating temperature (T-T)	0 - 35 °C
Ethernet LAN *	1	Storage temperature (T-T) Operating relative humidity (H-H)	-20 - 60 °C 0 - 85%
Ethernet LAN data rates	1000 Mbit/s	Storage relative humidity (H-H)	0 - 90%
Cabling technology	10/100/1000Base-T(X)	Operating vibration	0.25 G
Wi-Fi *	✓	Non-operating vibration	0.5 G
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating shock	10 G
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Non-operating shock	60 G
WLAN controller manufacturer	Intel	Certificates	
WLAN controller model	Intel Wi-Fi 6E AX211	Waste Electrical and Electronic	1
Antenna type	2x2	Equipment (WEEE) compliance	•
Bluetooth	<b>✓</b>	Low halogen	X
Bluetooth version	5.3	PSTI certified	X
Bluetooth Low Energy (BLE)	1		

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



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## **Catalog Object Cloud**



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