



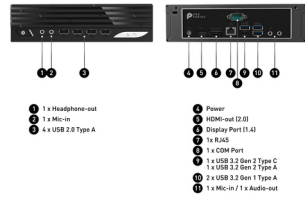
MSI PRO DP21 12M Intel Core i5 12400 Barebone, Mini PC, SFF, 2.3L, Type C, USB 3.2 Gen2, HDMI, DisplayPort, LAN, WiFi, BT, VESA, Supports Max 64GB DDR4 SO-DIMM (2 Slots), M.2 (1 Slot), 2.5'SSD/HDD (2 Slot)



Brand : MSI

Product code: PRO DP21 12M I5 12400 BB

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- MSI recommends Windows 11 Pro for business
- Up to Intel® Core™ i7-12700 Processors
- Support 4K UHD Display
- Wi-Fi 6 (Optional) puts more emphasis on transmission security with speed up to 2.4Gbps
- With a complete array of I/O ports, it can connect all devices that you need and support dual display
- Get all the performance benefits from USB 3.2 Gen 2 which combines with the convenience of the reversible USB Type-C connector and a fast USB 3.2 Gen 2 Type-A port
- Customize your own user mode and increase the efficiency with MSI Center app
- Easy to access and upgrade components to keep the system up to date with the latest hardware
- TPM design secures your confidential data with encryption keys
- Supports standard VESA-mount

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Processor		Ports & interfaces	
Processor manufacturer	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	HDMI version	2.0
Processor model	i5-12400	DVI port	✗
Processor cores	6	DisplayPorts quantity	1
Processor threads	12	DisplayPort version	1.4
Processor boost frequency	4.4 GHz	Microphone in	✓
Processor frequency	2.5 GHz	Headphone outputs	1
Performance cores	6	Ethernet LAN (RJ-45) ports *	1
Built-in processor *	✓	COM ports quantity	1
Processor lithography	10 nm	DC-in jack	✓
Performance-core boost frequency	4.4 GHz	Design	
Processor cache	18 MB	Chassis type *	2.3L sized PC
L2 cache	7.5 MB	Product colour *	Black
Memory		Cooling type *	Active
Memory slots type *	SO-DIMM	On/off switch	✓
Number of memory slots *	2	LED indicators	System
Maximum internal memory	64 GB	Housing material	Plastic
Supported memory clock speeds	2666,3200 MHz	Cable lock slot	✓
Memory channels	Dual-channel	Cable lock slot type	Kensington
Storage		VESA mounting	✓
Supported storage drive types *	HDD & SSD	Panel mounting interface	100 x 100 mm
Storage drive sizes supported *	2.5,M.2	Product type *	Mini PC barebone
SSD form factor	M.2	Performance	
Storage drive interface	M.2, Serial ATA, Serial ATA II	Motherboard form factor	mini ITX
NVMe	✓	Motherboard chipset	Intel H610
Number of storage drives supported	3	Processor socket	LGA 1700

Graphics		Performance	
On-board graphics card *	✓	Number of processors supported	1
Graphics card family	Intel	Trusted Platform Module (TPM)	✓
On-board graphics card model	Intel® UHD Graphics	Software	
Number of displays supported	2	Operating system installed	✗
Audio		Power	
Built-in speaker(s) *	✗	Power supply type *	External AC adapter
Network		Power supply	120 W
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Number of power supply units	1
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6 AX201	Width	204 mm
Ethernet LAN *	✓	Depth	208 mm
Wi-Fi *	✓	Height	54.8 mm
LAN controller	Realtek RTL8111H	Weight	1.27 kg
Bluetooth	✓	Package width	275 mm
Bluetooth version	5.2	Package depth	382 mm
Ports & interfaces		Package height	125 mm
USB 2.0 ports quantity *	4	Package weight	2.75 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Power cord included	✓
		AC adapter included	✓
		Quick start guide	✓
		Drivers included	✓
		Display included	✗
		Mouse included	✗
		Keyboard included	✗
		Other features	
		Country of origin	China



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