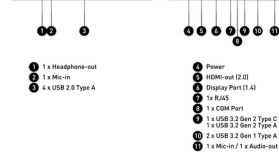*msi*

MSI PRO DP21 12M Intel Core i3 12100 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 I3 12100 BB

Product name : MSI PRO DP21 12M Intel Core i3 12100 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)

- 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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1 x Headphone-out	4	Power
1 x Mic-in	5	HDMI-out (2.0)
4 x USB 2.0 Type A	6	Display Port (1.4)
	7	1x RJ45
	8	1 x COM Port
	9	1 x USB 3.2 Gen 2 Type C / 1 x USB 3.2 Gen 2 Type A
	10	2 x USB 3.2 Gen 1 Type A
	11	1 x Mic-in / 1 x Audio-out

Processor		Ports & interfaces	
Built-in processor *	✔	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer	Intel	HDMI ports quantity *	1
Processor family	Intel® Core™ i3	HDMI version	2.0
Processor generation	12th gen Intel® Core™ i3	DVI port	✘
Processor model	i3-12100	DisplayPorts quantity	1
Processor frequency	3.3 GHz	DisplayPort version	1.4
Processor cores	4	Microphone in	✔
Processor threads	8	Headphone outputs	1
Processor lithography	10 nm	Ethernet LAN (RJ-45) ports *	1
Performance cores	4	COM ports quantity	1
Performance-core boost frequency	4.3 GHz	DC-in jack	✔
Processor boost frequency	4.3 GHz	**Design**	
Processor cache	12 MB	Chassis type *	2.3L sized PC
L2 cache	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

On-board graphics card *	✓
Graphics card family	Intel
On-board graphics card model	Intel® UHD Graphics
Number of displays supported	2

Audio

Built-in speaker(s) *	✗

Network

Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller model	Intel Wi-Fi 6 AX201
Ethernet LAN *	✓
Wi-Fi *	✓
LAN controller	Realtek RTL8111H
Bluetooth	✓
Bluetooth version	5.2

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 2 (3.1 Gen 2) Type-A ports quantity	1

Performance

Number of processors supported	1
Trusted Platform Module (TPM)	✓

Software

Operating system installed	✗

Power

Power supply type *	External AC adapter
Power supply	120 W
Number of power supply units	1

Weight & dimensions

Width	204 mm
Depth	208 mm
Height	54.8 mm
Weight	1.27 kg
Package width	275 mm
Package depth	382 mm
Package height	125 mm
Package weight	2.75 kg

Packaging content

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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