

### PRO DP21 12M

PRO DP21 12M-289TH

# **Be Your Window To The World**

PRO DP21 series is designed for various scenarios including business or learning. The 2.3 Liter compact size featuring Intel Core i processor and memory up to dual channel 3200MHz 64GB and it supports 4K@60Hz to improve your productivity.



#### **Selling Points**

PRO DP21 12M

- Windows 11 Home 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
- Suppo ...



Picture and logos

### System I/O-Ports



- 1. 1x Headphone-out
- **2.** 1x Mic-in
- **3.** 4x USB 2.0 Type A
- 4. 1x DC jack
- **5.** 1x HDMI out (2.0)
- **6.** 1x DisplayPort (1.4)
- 7. 2x USB 3.2 Gen 1 Type A / 1x COM port
- **8.** 1x RJ45
- 9. 2x USB 3.2 Gen 1 Type A
- **10.** 1x Mic-in
- 11. 1x Line-out
- 12. 1x Kensington Lock



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## **Specification**

| Operating Systems | Windows                           | Windows 11 Home           |
|-------------------|-----------------------------------|---------------------------|
|                   | CPU model                         | Intel Core i5-12400       |
|                   | CPU Clock                         | 2.5GHz                    |
| Processor         | CPU Cores                         | 6                         |
|                   | CPU TDP                           | 65W                       |
|                   | CPU Cache                         | 18 MB Intel® Smart Cache  |
|                   | CPU Threads                       | 12                        |
|                   | CPU Cooling                       | Air cooling               |
| Chipset           | Motherboard Chipset               | H610                      |
| Graphics          | VGA I/O Port                      | N/A                       |
|                   | Graphics Card                     | N/A                       |
|                   | Graphics Card VRAM                | N/A                       |
| Memory            | Memory Capacity                   | 8GB(8GB*1)                |
|                   | Memory Type                       | DDR4 SDRAM                |
|                   | Memory Speed                      | 1600(3200)MHz             |
|                   | Memory Module Form Factor         | SO-DIMM                   |
|                   | Memory Slot (Total/Free)          | 2/1                       |
|                   | Memory Max Capacity               | Max 64GB                  |
|                   | M.2 Slot (1) Interface            | PCIe GEN3x4 w/o DRAM NVMe |
|                   | M.2 Slot (1) Form Factor          | M.2-2280 M-KEY            |
|                   | SSD Config                        | 512GB*1                   |
|                   | Total SSD Storage Capacity        | 512GB 1                   |
|                   | HDD1 Interface                    | N/A                       |
|                   | HDD1 Interface HDD1 Form Factor   | N/A                       |
| STORACE           | Total HDD Storage Capacity        | N/A                       |
| STORAGE           | HDD1 RPM                          |                           |
|                   |                                   | N/A                       |
|                   | ODD(Type)                         | N/A                       |
|                   | ODD Height                        | N/A                       |
|                   | ODD Type                          | N/A                       |
|                   | M.2 slots (Total/Free)            | 1/0                       |
|                   | 2.5" Drive Bays (Total/Free)      | 2/2                       |
|                   | LAN Controller                    | Realtek RTL8111H          |
| Communications    | Wireless LAN Controller           | INTEL/AX201.NGWG.NVW      |
|                   | Wireless LAN standard             | 802.11ax 2x2+BT           |
|                   | Bluetooth Version                 | 5.2                       |
| Audio             | Audio Codec                       | Realtek ALC897            |
|                   | Audio Support                     | 5.1 Channel HD Audio      |
| I/O Ports (Front) | Thunderbolt                       | N/A                       |
|                   | USB 480Mbps (USB 2.0)             | 4                         |
|                   | Audio Mic-In (Front)              | 1                         |
|                   | Audio-Out (Front)                 | 1                         |
| I/O Ports (Rear)  | USB 10Gbps (USB 3.2 Gen 2 Type-C) | 1                         |
|                   | USB 10Gbps (USB 3.2 Gen 2 Type-A) | 1                         |
|                   | USB 5Gbps (USB 3.2 Gen 1 Type-A)  | 2                         |
|                   | LAN Ports (RJ45)                  | 1                         |
|                   | HDMI                              | 1x (v2.0)                 |
|                   | DP out                            | 1x (v1.4)                 |
|                   | COM Port                          | 1                         |
| Power             | Rated Wattage                     | 120W                      |
|                   | Efficiency Rating                 | N/A                       |
|                   | Form factor                       | N/A                       |
|                   | Туре                              | ADAPTOR                   |



## PRO DP21 12M

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|                              | Keyboard Interface                              | WIRELESS                        |
|------------------------------|---|---------------------------------|
| Accessories                  | Mouse Interface                                 | WIRELESS                        |
|                              | Power Cord                                      | 1                               |
|                              | AC Adaptor                                      | 1                               |
|                              | Warranty Card                                   | N/A                             |
|                              | Quick Guide                                     | 3                               |
|                              | User Manual                                     | N/A                             |
|                              | VESA Mount kit                                  | N/A                             |
|                              | Keyboard  | RF1430                          |
|                              | Mouse   | MA04                            |
| Mechanical and Environmental | Storage Operating Temperature Range             | 0° C ~ 35° C ; -20° C ~ 60° C   |
|                              | Storage Operating Humidity Range                | 0% ~ 85%;0% ~ 90%               |
|                              | Certifications                                  | FCC(Class B) CB/CE UL(CUL) BSMI |
|                              | Product Dimensions (WxDxH) (mm)                 | 204 x 208 x 54.8                |
|                              | Product Dimensions (WxDxH) (inch)               | 8.03 x 8.19 x 2.16              |
|                              | Inside Carton Dimensions (WxDxH) (mm)           | N/A                             |
|                              | Inside Carton Dimensions (WxDxH) (inch)         | N/A                             |
| Dimension&Weight             | Outer Carton Dimensions Standard (WxDxH) (mm)   | 271 x 382 x 122                 |
|                              | Outer Carton Dimensions Standard (WxDxH) (inch) | 10.67 x 15.04 x 4.8             |
|                              | Weight (Net kg)                                 | 1.27                            |
|                              | Weight (Gross kg)                               | 2.75                            |
|                              | Product Volume (Liters)                         | 2.3                             |
| VESA                         | VESA size                                       | 100 x 100 mm                    |
| Warranty                     | Warranty  | 36months                        |
| Barcode Info                 | EAN   | 4719072973988                   |