

# PRO DP21 14M

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## SPECIFICATIONS

<b>OS</b>	Windows 11 Home Windows 11 Pro - MSI recommends Windows 11 Pro for business
<b>CPU</b>	Intel® Core™ 7 processor 150U (12M Cache, 1.80 GHz up to 5.40 GHz) Intel® Core™ 5 processor 120U (12M Cache, 1.40 GHz up to 5.00 GHz) Intel® Core™ 3 processor 100U (10M Cache, 1.20 GHz up to 4.70 GHz)
<b>Graphics</b>	Intel® Graphics
<b>Chipset</b>	Intel® SoC
<b>Memory</b>	2x DDR5 up to 5200MHz SO-DIMMs, up to 64GB
<b>Storage</b>	1x M.2 2280 SSD (PCIe, factory pre-installed) 1x M.2 2242 SSD (PCIe, free slot) 1x 2.5" HDD/SSD
<b>LAN</b>	2x Intel® I226V (2.5G)
<b>Wireless LAN</b>	Intel Wi-Fi 6E AX211
<b>Bluetooth</b>	5.3 (for AX211)
<b>Audio</b>	Realtek® ALC256
<b>I/O</b>	Front: [] 2x USB 10Gbps Type A 1x Mic-in / Headphone-out combo 1x Micro-SD Card Reader Rear: 2x Thunderbolt 4 (DP 1.4 alt-mode up to 4K@60Hz / PD-out 15W / One of TBT supports PD-in) 2x USB 10Gbps Type A 2x RJ45 2x HDMI out (supports 4K @60Hz as specified in HDMI 2.1)
<b>Operating System</b>	Windows 10 Home - MSI recommends Windows 10 Pro for business
<b>CPU</b>	Up to Intel® Core™ i9-10900K Processor
<b>System Memory</b>	2 x DDR4 up to 2933MHz U-DIMMs, up to 64GB
<b>Sound</b>	7.1 Channel HD Audio with Nahimic audio enhancer
<b>Storage</b>	2x M.2 SSD (1x PCIe/SATA Auto-switch) 2x 2.5" SSD / HDD
<b>Operating System</b>	Windows 11 Home Windows 11 Pro - MSI recommends Windows 11 Pro for business
<b>CPU</b>	Intel® Core™ i7 processor 14700 Intel® Core™ i5 processor 14400 Intel® Core™ i3 processor 14100 Intel® Pentium® Gold G7400
<b>Chipset</b>	Intel® H610
<b>OPERATING SYSTEM</b>	Windows 10 Home - MSI recommends Windows 10 Pro for business

## FEATURES



### Compact Size

The same performance as a big rig but in a powerful small-sized chassis so you can take it anywhere.



### DDR5 Memory

Elevate system performance with dual-channel DDR5 technology to enhance efficiency and stability for users.



### Easy to upgrade

Easy to access and upgrade components to keep the system up to date with the latest hardware.



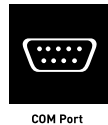
### Dual Display Support

Help focus on your multitasking and make daily tasks more efficient.



### dTPM 2.0 Support

dTPM 2.0 design secures your confidential data with encryption keys.



### COM port

Fully connect devices of POS to make it an optimal cutting-edge platform for a variety of commercial projects.



### Power Meter

Power Meter enables one-click power saving, carbon emission calculation & electricity cost estimation



### MSI Cloud Center

MSI Cloud Center app brings you a private cloud and helps backup files of your mobile devices (Android & iOS)



### VESA Mountable

To be mounted on the wall of your office & home with a VESA standard design which can make it completely invisible on a desk.

## CONNECTIONS



- |   |   |
|---|---|
| 1. 1x Headphone-out   | 2. 1x Mic-in                                    |
| 3. 2x USB 2.0 Type-A  | 4. 1x USB 5Gbps Type-A                          |
| 5. 1x USB 5Gbps Type-C                                      | 6. 1x DC Jack                                   |
| 7. 1x HDMI out (supports 4K @60Hz as specified in HDMI 2.1) | 8. 1x DisplayPort (1.4)                         |
| 9. 1x RJ45  | 10. 1x USB 10Gbps Type C / 1x USB 10Gbps Type A |
| 11. 2x USB 2.0 Type A                                       | 12. 1x Mic-in                                   |
| 13. 1x Line-out<br>1x COM port                              | 14. 1x Kensington Lock Slot                     |

<b>Graphics</b>	Intel® UHD Graphics 770
<b>CPU</b>	Up to Intel® Core™ i9-10900K Processor
<b>Storage</b>	1x M.2 SSD (NVMe PCIe/SATA auto switch) 2x 2.5" HDD / SSD
<b>AUDIO</b>	Realtek® ALC897
<b>I/O (Rear)</b>	1x Thunderbolt 3 (PD 15W)□ 1x USB 3.2 Gen 2 Type A 2x USB 3.2 Gen 1 Type A□ 2x USB 2.0 Type A□ 1x DP out (1.2)□ 1x HDMI™ out (1.4) 1x RJ45 (2.5G) 5x Audio jacks□ 1x Optical S/PDIF out *Tips: The display function is only available on non F series processors.
<b>CHIPSET</b>	Intel® Z490
<b>System Memory</b>	2x DDR5 up to 5600MHz SO-DIMMs, up to 64GB
<b>GRAPHICS</b>	Up to MSI GeForce RTX™ 3080 10GB GDDR6X Graphics card
<b>AC Adapter</b>	120W
<b>LAN</b>	Realtek® 8125B
<b>SYSTEM MEMORY</b>	2 x DDR4 up to 2933MHz U-DIMMs, up to 64GB
<b>I/O (Front)</b>	1x USB 5Gbps Type-C 1x USB 5Gbps Type-A 2x USB 2.0 Type-A 1x Mic-in 1x Headphone-out
<b>STORAGE</b>	2x M.2 SSD (1x PCIe/SATA Auto-switch) 2x 2.5" SSD / HDD
<b>I/O (Rear)</b>	1x USB 10Gbps Type-C 1x USB 10Gbps Type-A 2x USB 2.0 1x RJ45 1x HDMI™ out (supports 4K @60Hz as specified in HDMI™ 2.1) 1x DisplayPort (1.4) 1x COM port 1x Mic-in 1x Line-out 1x Kensington Lock
<b>Cooling System</b>	Fan Cooler
<b>WIRELESS LAN</b>	Intel® Dual Band Wireless-AC
<b>Wireless LAN</b>	Intel Wireless AX211 (WiFi 6E) Realtek Wireless AW-CB515NF (WiFi 5)
<b>KEYBOARD / MOUSE</b>	Optional
<b>BLUETOOTH</b>	5.1
<b>LAN</b>	Intel® I219V
<b>Volume</b>	10.36 L / 21.89pt
<b>LAN</b>	Realtek® 8125B
<b>Cooling System</b>	Fan Cooler
<b>Dimension (WxDxH)</b>	131.85 x 372.20 x 408.88mm (5.19 x 14.65 x 16.10 inch)
<b>SOUND</b>	7.1 Channel HD Audio with Nahimic audio enhancer
<b>DIMENSION (WxDxH)</b>	135.60 x 132.50 x 50.10 mm (5.34 x 5.22 x 1.97 inch)
<b>AC Adapter / PSU</b>	120W
<b>Net Weight</b>	0.6257 kg (1.38 lbs)
<b>Dimension (WxDxH)</b>	204 x 208 x 54.8 mm (8.03 x 8.19 x 2.16 inch)
<b>Gross Weight</b>	1.439 kg (3.17lbs)

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<b>I/O (REAR)</b>	1x Thunderbolt 3 (PD 15W)□ 1x USB 3.2 Gen 2 Type A 2x USB 3.2 Gen 1 Type A□ 2x USB 2.0 Type A□ 1x DP out (1.2)□ 1x HDMI™ out (1.4) 1x RJ45 (2.5G) 5x Audio jacks□ 1x Optical S/PDIF out *Tips: The display function is only available on non F series processors.
<b>WEIGHT (N.W./ G.W.)</b>	1.52 kg (3.35 lbs) / 3.05 kg (6.72 lbs)
<b>Certificates</b>	FCC, CB/CE, UL & CUL, VCCI, RCM
<b>Bluetooth</b>	5.3 (for AX211) / 4.1 (for AW-CB515NF)
<b>Keyboard / Mouse</b>	Optional
<b>VESA Mount</b>	Support 100 x 100 mm
<b>Volume</b>	2.3 Liter / 4.86pt
<b>Accessories</b>	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord
<b>DIMENSION (WXDXH)</b>	131.85 x 372.20 x 408.88mm (5.19 x 14.65 x 16.10 inch)
<b>Accessories</b>	1x Quick Guide 1x Warranty Card 1x Power Cord VESA Mount Screws
<b>Software</b>	Drivers & MSI Utilities Anti-Virus (60 days trial)
<b>Certificates</b>	FCC, CB/CE, UL & CUL, VCCI, RCM, ENERGY STAR