



## MSI PRO DP21 14M Intel Core 5 14400 ( 14th Gen Desktop CPU ), Barebone, DP21 14M, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/HDMI/LAN/WiFi 6E/BT 5.3 - PRO DP21 14M i5 14400 BB

**Brand :** MSI

**Product code:** PRO DP21 14M i5 14400 BB

**Product name :** MSI PRO DP21 14M Intel Core 5 14400 ( 14th Gen Desktop CPU ), Barebone, DP21 14M, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/HDMI/LAN/WiFi 6E/BT 5.3 - PRO DP21 14M i5 14400 BB

MSI PRO DP21 14M Intel Core 5 14400 ( 14th Gen Desktop CPU ), Barebone, DP21 14M, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/HDMI/LAN/WiFi 6E/BT 5.3 - PRO DP21 14M i5 14400 BB

MSI PRO DP21 14M Intel Core 5 14400 ( 14th Gen Desktop CPU ), Barebone, DP21 14M, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/HDMI/LAN/WiFi 6E/BT 5.3 - PRO DP21 14M i5 14400 BB. Chassis type: 2.3L sized PC, Product type: Mini PC barebone. Motherboard chipset: Intel H610, Processor socket: LGA 1700, BIOS type: UEFI. Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: HDD & SSD. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active. Power supply: 120 W

MSI



0GB RAM, 0GB SSD



| Processor                            |                 | Design                                           |                      |
|--------------------------------------|-----------------|--------------------------------------------------|----------------------|
| Processor manufacturer               | Intel           | Cable lock slot                                  | ✓                    |
| Processor family                     | Intel® Core™ i5 | Cable lock slot type                             | Kensington           |
| Processor model                      | i5-14400        | VESA mounting                                    | ✓                    |
| Processor cores                      | 10              | Panel mounting interface                         | 75 x 75,100 x 100 mm |
| Processor threads                    | 16              | Product type *                                   | Mini PC barebone     |
| Processor boost frequency            | 4.7 GHz         | <b>Processor special features</b>                |                      |
| Processor frequency                  | 4.7 GHz         | Intel® vPro™ Platform Eligibility                | ✗                    |
| Performance cores                    | 6               | Intel On-Demand Power Redundancy Technology      | ✗                    |
| Efficient cores                      | 4               | Intel® High Definition Audio (Intel® HD Audio)   | ✓                    |
| Performance-core Max Turbo Frequency | 4.7 GHz         | Embedded options available                       | ✗                    |
| Efficient-core Max Turbo Frequency   | 3.5 GHz         | Intel Dual Display Capable Technology            | ✓                    |
| Performance-core base frequency      | 2.5 GHz         | Intel® Virtualization Technology (Intel® VT)     | ✓                    |
| Efficient-core base frequency        | 1.8 GHz         | Intel Rapid Storage Technology                   | ✓                    |
| Built-in processor *                 | ✓               | Intel® Anti-Theft Technology (Intel® AT)         | ✗                    |
| Processor lithography                | 10 nm           | Intel® AES New Instructions (Intel® AES-NI)      | ✓                    |
| Processor cache                      | 20 MB           | Intel® Quick Sync Video Technology               | ✓                    |
| L2 cache                             | 9.5 MB          | Intel® InTru™ 3D Technology                      | ✗                    |
| L3 cache                             | 20 MB           | Intel® Insider™                                  | ✗                    |
| Thermal Design Power (TDP)           | 65 W            | Intel® Wireless Display (Intel® WiDi)            | ✗                    |
| ECC supported by processor           | ✓               | Intel FDI Technology                             | ✗                    |
| <b>Memory</b>                        |                 | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓                    |
| Internal memory installed *          | ✗               |                                                  |                      |
| Memory slots type *                  | SO-DIMM         |                                                  |                      |
| Number of memory slots *             | 2               |                                                  |                      |
| Maximum internal memory              | 64 GB           |                                                  |                      |
| Supported memory clock speeds        | 5600 MHz        |                                                  |                      |
| Memory channels                      | Dual-channel    |                                                  |                      |

| Memory                                            |                                    | Processor special features                                  |                                                       |
|---------------------------------------------------|------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|
| ECC                                               | ✗                                  | Intel® Turbo Boost Technology                               | ✓                                                     |
| Non-ECC                                           | ✓                                  | Intel® Hyper Threading Technology (Intel® HT Technology)    | ✓                                                     |
| Storage                                           |                                    | Intel Virtualization Technology for Directed I/O (VT-d)     | ✓                                                     |
| Storage drives installed *                        | ✓                                  | Intel VT-x with Extended Page Tables (EPT)                  | ✓                                                     |
| Supported storage drive types *                   | HDD & SSD                          | Intel 64                                                    | ✓                                                     |
| Storage drive sizes supported *                   | 2.5,M.2                            | Intel® My WiFi Technology (Intel® MWT)                      | ✗                                                     |
| Card reader integrated                            | ✗                                  | Idle States                                                 | ✓                                                     |
| Graphics                                          |                                    | Enhanced Intel SpeedStep Technology                         | ✓                                                     |
| On-board graphics card *                          | ✓                                  | Intel Demand Based Switching                                | ✗                                                     |
| Graphics card family                              | Intel                              | Thermal Monitoring Technologies                             | ✓                                                     |
| On-board graphics card model                      | Intel UHD Graphics 770             | Intel Fast Memory Access                                    | ✗                                                     |
| Maximum resolution                                | 4096 x 2160 pixels                 | Intel Flex Memory Access                                    | ✓                                                     |
| Number of displays supported                      | 3                                  | Intel® Identity Protection Technology (Intel® IPT)          | ✓                                                     |
| Performance                                       |                                    | Intel Trusted Execution Technology                          | ✗                                                     |
| Motherboard form factor                           | mini ITX                           | Execute Disable Bit                                         | ✓                                                     |
| Motherboard chipset                               | Intel H610                         | Intel® Smart Cache                                          | ✓                                                     |
| Processor socket                                  | LGA 1700                           | Intel Visual BIOS                                           | ✗                                                     |
| Number of processors supported                    | 1                                  | Intel Express BIOS update                                   | ✗                                                     |
| Compatible processor series                       | Intel Core i5 14th Gen             | Intel TSX-NI                                                | ✗                                                     |
| Supported processor frequency (max)               | 4.7 GHz                            | Intel® Matrix Storage Technology (Intel® MST)               | ✗                                                     |
| BIOS type                                         | UEFI                               | Intel Smart Connect Technology                              | ✗                                                     |
| BIOS memory size                                  | 256 Mbit                           | Intel® Small Business Advantage (Intel® SBA)                | ✗                                                     |
| ACPI version                                      | 6.3                                | Intel® Secure Key                                           | ✓                                                     |
| Trusted Platform Module (TPM)                     | ✓                                  | Intel® Smart Response Technology                            | ✗                                                     |
| Trusted Platform Module (TPM) version             | 2.0                                | Intel Stable Image Platform Program (SIPP)                  | ✗                                                     |
| Audio output channels                             | 7.1 channels                       | Intel® OS Guard                                             | ✓                                                     |
| Audio chip                                        | Realtek ALC897                     | Conflict-Free                                               | ✓                                                     |
| Consumer infrared Rx sensor                       | ✗                                  | Intel® Rapid Start Technology                               | ✗                                                     |
| Display                                           |                                    | Intel Advanced Management Technology                        | ✗                                                     |
| Touchscreen                                       | ✗                                  | Intel Clear Video Technology                                | ✓                                                     |
| Audio                                             |                                    | Intel® Unite™                                               | ✗                                                     |
| Built-in speaker(s) *                             | ✗                                  | Intel Unite installed                                       | ✗                                                     |
| Network                                           |                                    | Intel® Optane™ Memory Ready                                 | ✓                                                     |
| Top Wi-Fi standard                                | Wi-Fi 6E (802.11ax)                | Intel® Platform Trust Technology (Intel® PTT)               | ✓                                                     |
| Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)                | Intel Virtualization Technology (VT-x)                      | ✓                                                     |
| WLAN controller model                             | Intel Wi-Fi 6E AX211               | Technical details                                           |                                                       |
| Ethernet LAN *                                    | ✓                                  | Compliance certificates                                     | BSMI, CB, CE, Federal Communications Commission (FCC) |
| Copper ethernet cabling technology                | 10BASE-TX, 100BASE-TX, 1000BASE-TX | Certificates                                                |                                                       |
| Wi-Fi *                                           | ✓                                  | Waste Electrical and Electronic Equipment (WEEE) compliance | ✓                                                     |
| LAN controller                                    | Realtek RTL8111H                   | Software                                                    |                                                       |
| Bluetooth                                         | ✓                                  | Windows operating systems supported                         | ✗                                                     |
| Bluetooth version                                 | 5.3                                | Power                                                       |                                                       |
| Near Field Communication (NFC)                    | ✗                                  | Power supply type *                                         | External AC adapter                                   |
| Bluetooth Low Energy (BLE)                        | ✓                                  | Power supply                                                | 120 W                                                 |
| Ports & interfaces                                |                                    |                                                             |                                                       |
| USB 2.0 ports quantity *                          | 4                                  |                                                             |                                                       |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                                  |                                                             |                                                       |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity   | 1                                  |                                                             |                                                       |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity   | 1                                  |                                                             |                                                       |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1                                  |                                                             |                                                       |

| Ports & interfaces                                |                | Power                             |             |
|---------------------------------------------------|----------------|-----------------------------------|-------------|
| Internal USB 2.0 ports quantity                   | 4              | Number of power supply units      | 1           |
| Internal USB 3.2 Gen 1 (3.1 Gen 1) ports quantity | 2              | AC input voltage                  | 100 - 240 V |
| HDMI ports quantity *                             | 1              | AC input frequency                | 50/60 Hz    |
| HDMI version                                      | 2.1            | Operational conditions            |             |
| DVI port                                          | ✗              | Operating temperature (T-T)       | 0 - 40 °C   |
| DisplayPorts quantity                             | 1              | Storage temperature (T-T)         | -20 - 60 °C |
| DisplayPort version                               | 1.4            | Operating relative humidity (H-H) | 10 - 90%    |
| Microphone in                                     | ✓              | Weight & dimensions               |             |
| Headphone outputs                                 | 1              | Width                             | 204 mm      |
| Combo headphone/mic port                          | ✗              | Depth                             | 280 mm      |
| Ethernet LAN (RJ-45) ports *                      | 1              | Height                            | 54.8 mm     |
| S/PDIF out port                                   | ✗              | Weight                            | 1.27 kg     |
| Consumer infrared headers                         | ✗              | Package width                     | 271 mm      |
| Serial port via internal header                   | ✗              | Package depth                     | 382 mm      |
| USB charging                                      | ✓              | Package height                    | 122 mm      |
| TV-out                                            | ✗              | Package weight                    | 2.8 kg      |
| DC-in jack                                        | ✗              | Packaging content                 |             |
| Expansion slots                                   |                | Power cord included               | ✓           |
| PCI Express slots version                         | 4.0            | AC adapter included               | ✓           |
| PCI Express x1 slots                              | 1              | Quick start guide                 | ✓           |
| Number of M.2 (M) slots                           | 2              | Drivers included                  | ✓           |
| Design                                            |                | Display included                  | ✗           |
| Chassis type *                                    | 2.3L sized PC  | Mouse included                    | ✗           |
| Product colour *                                  | Black          | Keyboard included                 | ✗           |
| Cooling type *                                    | Active         | Other features                    |             |
| On/off switch                                     | ✓              | Country of origin                 | China       |
| LED indicators                                    | ✓              | Introduction month                | June        |
| Housing material                                  | Metal, Plastic | Introduction year                 | 2025        |
|                                                   |                | Warranty period                   | 3 year(s)   |



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### Catalog Object Cloud



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