

# Be Your Window To The World

PRO DP180 series is designed for various scenarios including business, office, and learning. It features Intel Core i processor and memory up to dual channel 3200MHz 64GB and it supports 8K resolution to improve your productivity.



Picture and logos

## SELLING POINTS

- Windows 11 Home - MSI recommends Windows 11 Pro for business
- Up to Intel® Core™ i7-12700 Processor
- Support up to 8K resolution display with NVIDIA GeForce RTX Graphics card - Get next-level AI performance on GeForce RTX
- Support up to 4 Monitors with its complete array of I/O ports
- Wi-Fi 6E (Optional) puts more emphasis on transmission security with speeds up to 2.4Gbps
- Dual LAN Design (2.5G & 1G LAN)
- Connect and rapidly transfer data over a network with the high-bandwidth and low-latency 2.5Gbps Ethernet LAN
- Get all the performance benefits from USB 3.2 Gen 2 Type-C connector.
- The built-in card reader supports SD & Micro SD Card to bring the best compatibility and convenience
- Easy to access and upgrade components to keep the system up to date with the latest hardware
- MSI Cloud Center app brings you a private cloud and helps backup files of your mobile devices (Android & iOS)
- MSI Center app easily adjusts system modes and resources for various scenarios and needs.
- TPM design secures your confidential data with encryption keys
- Support Padlock and Kensington Lock dual design



1. 1x Headphone-out / 1x Mic-in
2. 2x USB 3.2 Gen 1 Type A
3. 1x USB 3.2 Gen 2 Type C
4. 1x Card Reader (Support SD & Micro SD Card)
5. 1x HDMI™ out (2.1) / 1x DisplayPort (1.4)
6. 1x D-Sub (VGA)
7. 2x USB 2.0 Type A / 1x PS/2
8. 1x USB 3.2 Gen 1 Type A / 1x RJ45 LAN (2.5G LAN)
9. 2x USB 2.0 Type A / 1x RJ45 LAN (1G LAN)
10. 3x Audio Jack
11. 1x Padlock
12. 1x COM Port
13. 1x Kensington Lock



## PRO DP180 12th

RRO DP180 12ATA-650PH

## SPECIFICATION

|                   |                               |                                 |
|-------------------|-------------------------------|---------------------------------|
| Operating Systems | Operating Systems             | Windows 11 Home                 |
| Model             | Part No                       | 9S6-B0A741-650                  |
|                   | MKT Name                      | RRO DP180 12ATA                 |
|                   | MKT Spec                      | RRO DP180 12ATA-650PH           |
|                   | Color                         | ID1/Black-Black-Black           |
| Chipset           | Chipsets                      | H610                            |
| Memory            | Memory Size                   | 16GB(16GB*1)                    |
|                   | Memory Type                   | DDR5 SDRAM                      |
|                   | Memory Speed                  | 2800(5600)MHz                   |
|                   | Module Type                   | U-DIMM                          |
|                   | Memory Slot(Total)            | 2                               |
|                   | Memory Slot(Free)             | 1                               |
|                   | Max Capacity                  | Max 64GB                        |
| Processor         | CPU Number                    | Intel Core i5-12400F            |
|                   | CPU Clock                     | 2.5GHz                          |
|                   | CPU Cores                     | 6                               |
|                   | TDP                           | 65W                             |
|                   | Max Turbo Frequency           | up to 4.40 GHz                  |
|                   | Cache                         | 18 MB Intel® Smart Cache        |
|                   | Threads                       | 12                              |
| Discrete Graphics | GPU1 Vendor                   | NVIDIA                          |
|                   | GPU1 MKT Name                 | GeForce RTX 3050                |
|                   | GPU1 Number                   | RTX 3050 VENTUS 2X E            |
|                   | GPU1 VRAM Size                | 6G                              |
| Audio             | Audio Chipset                 | Realtek ALC897                  |
|                   | Audio Type                    | 7.1 Channel HD Audio            |
| Storage           | SSD Interface                 | PCIe GEN3x4                     |
|                   | SSD Form Factor               | M.2-2280 M-KEY                  |
|                   | SSD Config                    | 512GB*1                         |
|                   | SSD Size                      | 512GB                           |
|                   | HDD1 Interface                | SATA GEN3                       |
|                   | HDD1 Form Factor              | 3.5 inch                        |
|                   | HDD1 Size                     | 1TB*1                           |
|                   | HDD1 RPM                      | 7200RPM                         |
|                   | ODD(Type)                     | N/A                             |
|                   | ODD Height                    | N/A                             |
|                   | ODD Type                      | N/A                             |
|                   | M.2 slots(Total)              | 1                               |
|                   | M.2 slots(Free)               | 0                               |
|                   | 2.5" Drive Bays(Total)        | 1                               |
|                   | 2.5" Drive Bays (Free)        | 1                               |
|                   | 3.5" Drive Bays(Total)        | 1                               |
|                   | 3.5" Drive Bays(Free)         | 0                               |
| Communications    | LAN                           | 1x Intel I226-V+1x Intel I219-V |
|                   | WLAN Version                  | Wi-Fi 6E+BT                     |
|                   | BT Version                    | 5.3                             |
| I/O Ports (Side)  | Card Reader                   | 1                               |
|                   | USB 3.2 Gen 2 (10G) Type C    | 1                               |
|                   | USB 3.2 Gen 1 (5G) Type A     | 2                               |
| I/O Ports (Rear)  | USB 2.0 Type A (R)            | 4                               |
|                   | RJ45                          | 2x (2.5G/1G)                    |
|                   | VGA out                       | 1                               |
|                   | HDMI out                      | 1x (v2.1)                       |
|                   | DP out                        | 1x (v1.4)                       |
|                   | PS/2                          | 1                               |
|                   | COM Port                      | 1                               |
|                   | Lock type                     | Kensington Lock                 |
|                   | USB 3.2 Gen 1 (5G) Type A (R) | 1                               |
|                   | Audio jack                    | 3                               |
| Warranty          | Warranty                      | 36months                        |



PRO DP180 12th

RRO DP180 12ATA-650PH

|                       |                                        |                                                       |
|-----------------------|----------------------------------------|-------------------------------------------------------|
| Dimension & Weight    | Weight (Net kg)                        | 7.592                                                 |
|                       | Weight (Gross kg)                      | 9.03                                                  |
|                       | Product Dimension (WxDxH) (mm)         | 168 x 323 x 369                                       |
|                       | Product Dimension (WxDxH) (inch)       | 6.61 x 12.72 x 14.53                                  |
|                       | Inside Carton Dimension (WxDxH) (mm)   | N/A                                                   |
|                       | Inside Carton Dimension (WxDxH) (inch) | N/A                                                   |
|                       | Net Weight (lbs)                       | 16.74                                                 |
|                       | Gross Weight (lbs)                     | 19.91                                                 |
| Regulatory Compliance | Regulatory Compliance                  | FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick) |
| In The Box            | AC Adaptor                             | N/A                                                   |
|                       | Power Cord                             | 1                                                     |
|                       | Warranty Card                          | N/A                                                   |
|                       | Quick Guide                            | 1                                                     |
|                       | User Manual                            | N/A                                                   |
|                       | VESA Mount kit                         | N/A                                                   |
|                       | Keyboard Interface                     | USB                                                   |
|                       | Mouse                                  | SM9023M                                               |
|                       | Mouse Interface                        | USB                                                   |
|                       | Power Switch                           | N/A                                                   |
| Barcode Info          | EAN                                    | 4711377283533                                         |
| I/O Ports (Front)     | Audio Mic-in                           | 1                                                     |
|                       | Audio Headphone-out                    | 1                                                     |