

### Overview

The MPC-1185 is a medical all-in-one machine with a lightweight body and white appearance, featuring an isolated power design ideal for medical application environments. Equipped with the Intel® Celeron® J6412 or 8th/10th generation Intel® Core™ i5 processor, it meets the requirements for medical applications. This device complies with the EN60601-1 medical safety standards for electrical devices and boasts a capacitive multi-point touch screen design, making it convenient for medical staff to operate.

### Features

- 18.5" LED-backlit LCD with capacitive touch screen
- Aluminum front bezel (IP65) & PC/ABS rear cover
- Intel® Celeron® J6412 or 8th/10th Gen Intel® Core™ i5 processor (optional)
- 1x COM, 5x USB, 2x LAN, 1x HDMI



Operating Temp.



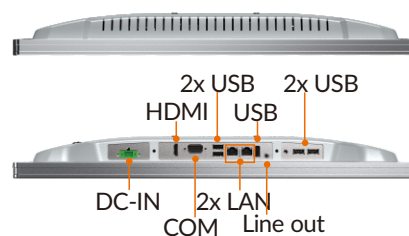
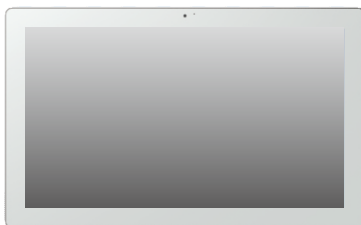
IP65



Touch Display



### I/O Interfaces



## Specifications

| Display                | MPC-1185-J6412                                                              | MPC-1185-8260U                                                   | MPC-1185-10210U                                                   |
|------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|
| Size                   | 18.5 inch                                                                   |                                                                  |                                                                   |
| Touch Type             | projected capacitive multi touch                                            |                                                                  |                                                                   |
| Transmittance          | 87% (capacitive)                                                            |                                                                  |                                                                   |
| Control Interface      | USB                                                                         |                                                                  |                                                                   |
| Surface Hardness       | ≥7H<br>AG AF                                                                |                                                                  |                                                                   |
| Resolution             | 1920 x 1080                                                                 |                                                                  |                                                                   |
| Luminance              | 300 nits                                                                    |                                                                  |                                                                   |
| Contrast Ratio         | 1000: 1                                                                     |                                                                  |                                                                   |
| View Angles            | 85 (left), 85 (right), 85 (up), 85 (down)                                   |                                                                  |                                                                   |
| LED Lifetime           | 30,000 hrs                                                                  |                                                                  |                                                                   |
| Color                  | 16.7M                                                                       |                                                                  |                                                                   |
| System                 |                                                                             |                                                                  |                                                                   |
| CPU                    | Intel® Celeron® Processor J6412 (2.0 GHz) Quad core quad threaded processor | Intel® Core™ i5-8260U (1.6 GHz) quad-core eight-thread processor | intel® Core™ i5-10210U (1.6 GHz) quad-core eight-thread processor |
| Memory                 | 1x SO-DIMM DDR4-3200 MHz, up to 16GB                                        | 2x DDR4 3200 SO-DIMM (up to 64GB)                                | 2x DDR4 3200 SO-DIMM (up to 64GB)                                 |
| Storage                | 1x 2.5" SATA HDD/SSD (optional)<br>1x full length Mini PCIe for mSATA SSD   |                                                                  |                                                                   |
| I/O Ports              |                                                                             |                                                                  |                                                                   |
| USB                    | 1x USB 3.0, 4x USB 2.0                                                      |                                                                  |                                                                   |
| Serial                 | 1x COM (COM1 supports RS-232                                                |                                                                  |                                                                   |
| Ethernet               | 2x GbE LAN                                                                  |                                                                  |                                                                   |
| Display                | 1x HDMI                                                                     |                                                                  |                                                                   |
| Antenna                | 2x built-in antenna                                                         |                                                                  |                                                                   |
| Expansion Slot         |                                                                             |                                                                  |                                                                   |
| Mini PCIe              | 1x full length Mini PCIe for Wi-Fi<br>1x full length Mini PCIe for mSATA    |                                                                  |                                                                   |
| RF Communication       |                                                                             |                                                                  |                                                                   |
| Wi-Fi                  | Mini PCIe expansion (optional)                                              |                                                                  |                                                                   |
| Cellular               | Mini PCIe expansion (optional)                                              |                                                                  |                                                                   |
| Bluetooth              | Mini PCIe expansion (optional)                                              |                                                                  |                                                                   |
| Audio                  |                                                                             |                                                                  |                                                                   |
| Audio                  | 1x line out                                                                 |                                                                  |                                                                   |
| Speaker                | 2Ω5W speaker                                                                |                                                                  |                                                                   |
| Power                  |                                                                             |                                                                  |                                                                   |
| Button                 | Yes                                                                         |                                                                  |                                                                   |
| DC Input               | 12VDC, 9 to 36VDC (optional)                                                |                                                                  |                                                                   |
| Power Connector        | M12                                                                         |                                                                  |                                                                   |
| Power Consumption      | 23W                                                                         | 27W                                                              | 27W                                                               |
| Power Adaptor          | AC-DC, 12V@5A, 60W                                                          |                                                                  |                                                                   |
| Operating System       |                                                                             |                                                                  |                                                                   |
| Windows                | Windows 10/11                                                               |                                                                  |                                                                   |
| Mechanical             |                                                                             |                                                                  |                                                                   |
| Dimensions (W x D x H) | 465 x 285 x 49 mm (18.3 x 11.2 x 1.9 inches)                                |                                                                  |                                                                   |
| Weight (N.W.)          | 4.2 kg (9.26lbs)                                                            |                                                                  |                                                                   |
| Mounting               | wall mount bracket VESA 100                                                 |                                                                  |                                                                   |
| Material               | Aluminum front bezel & PC/ABS rear cover                                    |                                                                  |                                                                   |

| Environment           |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Operating Temperature | 0 to 50°C(32 to 122°F)                                                    |
| Storage Temperature   | -10 to 60°C -14 to 140°F)                                                 |
| Relative Humidity     | 10% to 95% @ 40°C (104°F), non-condensing                                 |
| Vibration             | 5 to 500Hz, 0.026 G <sup>2</sup> /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis |
| IP Rating             | IP65 compliant (for front panel)                                          |
| Certification         |                                                                           |
| EMC                   | CE, FCC,EN60601-1                                                         |
| Packing List          |                                                                           |
| Packing               | 1x MPC-1185<br>1x warranty card                                           |

## Dimensions

