

## 15" Industrial Touch Panel PC with Intel® Core™ U-Series / Celeron® Processor

### Overview

The DPC-9150 series is a 15" fanless industrial panel PC based on the Intel® Core™ U-Series / Celeron® processor. It features a modular design to allow easy CPU board or I/O board upgrades to fulfill customer needs. The DPC-9150 series offers low-power consumption, rich I/O connectivity, and Wi-Fi module expansion. It boasts a sleek design with an IP65 aluminum alloy front panel and a durable metal body, offering superior heat dissipation and high reliability for operation in harsh industrial environments. The DPC-9150 series is an excellent HMI platform for industrial applications and factory automation.

### Features

- 15" LED-backlit LCD with capacitive or resistive touch screen
- Rugged aluminum enclosure and fanless design
- Intel® Core™ U-Series / Celeron® processor
- 2x COM, 4x USB, 2x LAN, 1x VGA, 1x HDMI
- Supports Wi-Fi, 4G
- VESA 100 mount and panel mount compatibility
- IP65 compliant front panel



Operating Temp.



Fanless



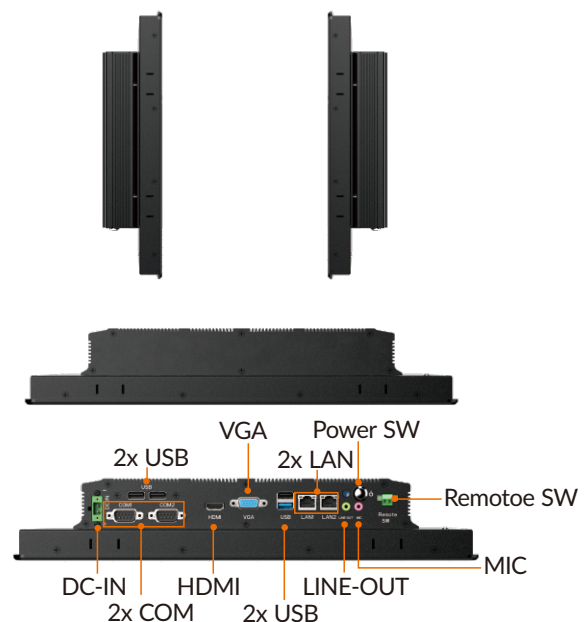
IP65



Touch Display



### I/O Interfaces



## Specifications

| Display                |                                                                           |                                                                          |                                               |                                               |
|------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Size                   | 15 inch                                                                   |                                                                          |                                               |                                               |
| Touch Type             | Projected capacitive multi touch<br>5-wire resistive touch                |                                                                          |                                               |                                               |
| Transmittance          | 87% (capacitive) / 80% (resistive)                                        |                                                                          |                                               |                                               |
| Control Interface      | USB                                                                       |                                                                          |                                               |                                               |
| Surface Hardness       | ≥7H/≥3H                                                                   |                                                                          |                                               |                                               |
| Resolution             | 1024 x 768                                                                |                                                                          |                                               |                                               |
| Luminance              | 350 nits                                                                  |                                                                          |                                               |                                               |
| Contrast Ratio         | 1000: 1                                                                   |                                                                          |                                               |                                               |
| View Angles            | 89 (left), 89 (right), 89 (up), 89 (down)                                 |                                                                          |                                               |                                               |
| LED Lifetime           | 50,000 hrs                                                                |                                                                          |                                               |                                               |
| Color                  | 16.7M                                                                     |                                                                          |                                               |                                               |
| System                 |                                                                           |                                                                          |                                               |                                               |
| CPU                    | Intel® Celeron® J6412<br>(2.0 GHz) processor                              | Intel® Core™ i5-6200U<br>(2.3 GHz) processor                             | Intel® Core™ i5-10210U<br>(1.6 GHz) processor | Intel® Core™ i7-10710U<br>(1.1 GHz) processor |
| Memory                 | 1x SO-DIMM DDR4-<br>3200MHz, up to 16GB                                   | 2x SO-DIMM DDR3-<br>1600MHz, up to 16GB                                  | 2x SO-DIMM DDR4-<br>2666MHz, up to 32GB       | 2x SO-DIMM DDR4-<br>2666MHz, up to 32GB       |
| Storage                | 1x 2.5" SATA HDD/SSD (optional)<br>1x full length Mini PCIe for mSATA SSD |                                                                          |                                               |                                               |
| I/O Ports              |                                                                           |                                                                          |                                               |                                               |
| USB                    | 2x USB 3.0, 2x USB 2.0                                                    |                                                                          |                                               |                                               |
| Serial                 | 2x COM (COM1 supports RS-232, COM2 supports RS-232/422/485)               |                                                                          |                                               |                                               |
| Ethernet               | 2x GbE LAN                                                                |                                                                          |                                               |                                               |
| Display                | 1x HDMI, 1x VGA                                                           |                                                                          |                                               |                                               |
| SIM Card Slot          | 1x SIM slot for 4G (optional)                                             |                                                                          |                                               |                                               |
| Antenna                | 2x SMA antenna holes                                                      |                                                                          |                                               |                                               |
| Expansion Slot         |                                                                           |                                                                          |                                               |                                               |
| Mini PCIe              | 1x M.2 E for WI-FI<br>1x full length Mini<br>PCIe for mSATA               | 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                  | Mic in, line out                                                          |                                                                          |                                               |                                               |
| Speaker                | 2Ω5W speaker (optional)                                                   |                                                                          |                                               |                                               |
| Power                  |                                                                           |                                                                          |                                               |                                               |
| Button                 | M8                                                                        |                                                                          |                                               |                                               |
| Remote Power On/Off    | 1x Remote switch connector                                                |                                                                          |                                               |                                               |
| DC Input               | 12VDC (9-36VDC optional)                                                  |                                                                          |                                               |                                               |
| Power Connector        | 2-pin phoenix terminal                                                    |                                                                          |                                               |                                               |
| Power Consumption      | 23W                                                                       | 25W                                                                      |                                               |                                               |
| Power Adaptor          | AC-DC, 12V@5A, 60W                                                        |                                                                          | AC-DC, 12V@7A, 84W                            |                                               |
| Operating System       |                                                                           |                                                                          |                                               |                                               |
| Windows                | Windows10/11                                                              | Windows 7/10                                                             | Windows 10/11                                 |                                               |
| Mechanical             |                                                                           |                                                                          |                                               |                                               |
| Dimensions (W x D x H) | 370x 294x 65 mm (14.6 x 11.6 x 2.6 inches)                                |                                                                          |                                               |                                               |
| Weight (N.W.)          | 4.2 kg (9.2 lbs)                                                          |                                                                          |                                               |                                               |
| Mounting               | Panel mount, wall mount bracket VESA 100                                  |                                                                          |                                               |                                               |
| Material               | Aluminum alloy panel, all-metal chassis                                   |                                                                          |                                               |                                               |

| Environment           |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Operating Temperature | -10 to 50°C (14 to 122°F)                                              |
| Storage Temperature   | -20 to 60°C (-4 to 140°F)                                              |
| Relative Humidity     | 10% to 95% @ 40°C (104°F), non-condensing                              |
| Vibration             | 5-500Hz, 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                                                                |
| Packing List          |                                                                        |
| Packing               | 1x DPC-9150<br>8x panel mounting buckles<br>1x warranty card           |

## Dimensions

