

15" Industrial Touch Panel PC with Intel® Core™ i Series / Celeron® Processor

Overview

The DPC-9150 series is a 15" fanless industrial panel PC based on the Intel® Core™ i 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™ i 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



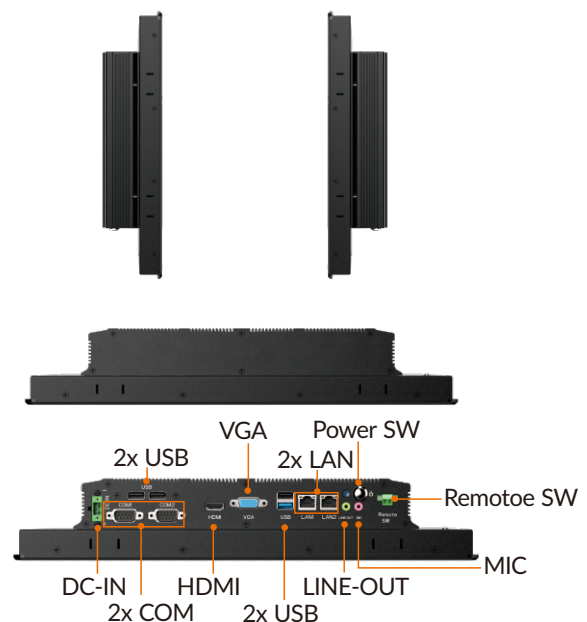
IP65



Touch Display



I/O Interfaces



Specifications

Display			
Size	15 inch		
Touch Type	Projected capacitive multi touch 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 (2.0 GHz) processor	Intel® Alder Lake-N N97 (2.0 Ghz) processor	Intel® Alder Lake 12th Core™ i5-1235U (1.3 Ghz) processor
Memory	1x SO-DIMM DDR4-3200MHz, up to 16GB		2x SO-DIMM DDR4-3200MHZ,up to 64GB
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD		1x M.2 2280 NVME SSD 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			
M.2	1x M.2 support M.2 2230 Wi-Fi 1x M.2 support M.2 2242/2252 4G/5G		
RF Communication			
Wi-Fi	M.2 expansion (optional)		
Cellular	M.2 expansion (optional)		
Bluetooth			
Audio			
Audio	Mic in, line out		
Speaker	2Ω5W speaker (optional)		
Power			
Button	1x Remote switch connector		
Remote Power On/Off	12VDC (9-36VDC optional)		
DC Input	2-pin phoenix terminal		
Power Connector	23W	25W	29W
Power Consumption	AC-DC, 12V@5A, 60W		AC-DC, 12V@7A, 84W
Power Adaptor			
Operating System			
Windows	Windows10/11		
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)		
Weight (N.W.)	Panel mount, wall mount bracket VESA 100		
Mounting	Aluminum alloy panel, all-metal chassis		
Material			

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 ² /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 8x panel mounting buckles 1x warranty card

Dimensions

