DPC-9150

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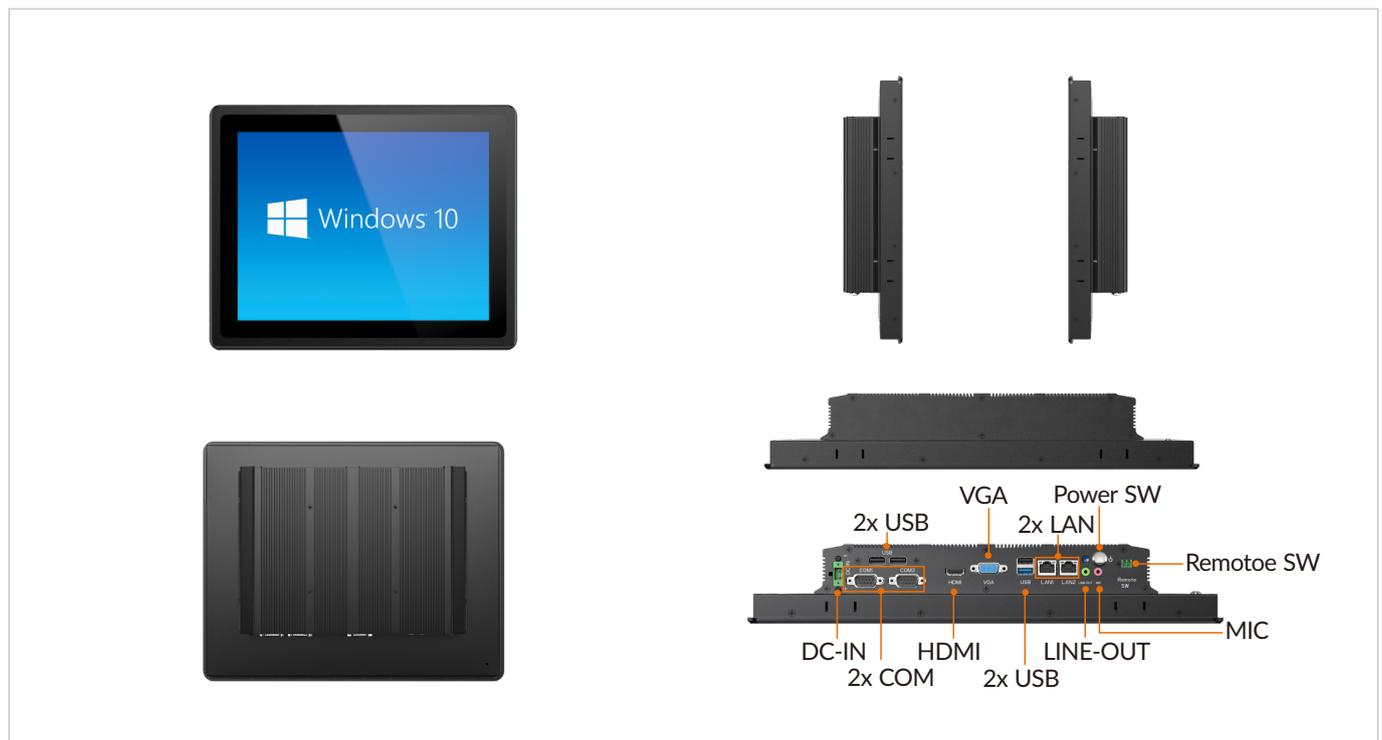
Overview

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
-10°C / -50°C		IP65	

CE FC

I/O Interfaces

2x USB · VGA · Power SW · 2x LAN · Remotoe SW · MIC · LINE-OUT · 2x USB · DC-IN · HDMI · 2x COM

Cobots · Artificial Vision · PLCs · HMIs · Sensors · Dataloggers · Software · Gateways · Oscilloscopes · Load cells · DAQ / IoT · Industrial PCs

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Specifications

Display	DPC-9150-J1900	DPC-9150-6200U	DPC-9150-10210U	DPC-9150-10710U
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® J1900 (2.0 GHz) processor	Intel® Core™ i5-6200U (2.3 GHz) processor	Intel® Core™ i5-10210U (1.6 GHz) processor	Intel® Core™ i7-10710U (1.1 GHz) processor
Memory	1x SO-DIMM DDR3-1333MHz, up to 8GB	2x SO-DIMM DDR3-1600MHz, up to 16GB	2x SO-DIMM DDR4-2666MHz, up to 32GB	2x SO-DIMM DDR4-2666MHz, up to 32GB
Storage	1x 2.5" SATA HDD/SSD (optional) 1x full length Mini PCIe for mSATA SSD			
I/O Ports				
USB	2x USB 3.0, 2x USB 2.0			
Serial	2x COM			
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 full length Mini PCIe for Wi-Fi 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	YES			
Remote Power On/Off	1x Remote switch connector			
DC Input	12VDC (9-36VDC optional)			
Power Connector	M8			
Power Consumption	23W	25W		
Power Adaptor	AC-DC, 12V@5A, 60W		AC-DC, 12V@7A, 84W	
Operating System				
Windows	Windows 7, Windows 10		Windows 10, Windows 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			

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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 G²/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 1x AC-DC power adapter 8x panel mounting buckles 1x warranty card

Dimensions

Cobots   Artificial Vision   PLCs   HMIs   Sensors   Dataloggers   Software   Gateways   Oscilloscopes   Load cells   DAQ / IoT   Industrial PCs

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