

DPC-7210

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21.5" Industrial Touch Panel PC with 10th Gen Intel® Core™i Processor

Overview

The DPC-7210 is a fanless 21.5" industrial panel PC that supports 10th generation Intel® Core™i5 processors for high-performance computing. It features a modular design to allow easy CPU board or I/O board upgrades and ensures a stable system structure and reliable industrial performance. For wireless connectivity, the DPC-7210 supports Wi-Fi 6 and 4G/5G. With a choice of 4:3 and 16:9 aspect ratios and optional resistive or capacitive touchscreen, the DPC-7210 provides display versatility. The aluminum alloy IP65-rated front panel, metal body, and excellent heat dissipation offer longevity, functionality, and rust resistance for industrial applications.

Features

- 21.5" LED-backlit LCD with capacitive or resistive touch screen
- Rugged aluminum enclosure and fanless design
- 10/11th Gen Intel® Core™i5 processor
- 3x COM, 4x USB, 2x LAN, 1x VGA, 1x HDMI
- Supports Wi-Fi 6, 4G, and 5G
- Supports VESA 100 mount and panel mount
- IP65 compliant front panel



Operating Temp.



Fanless



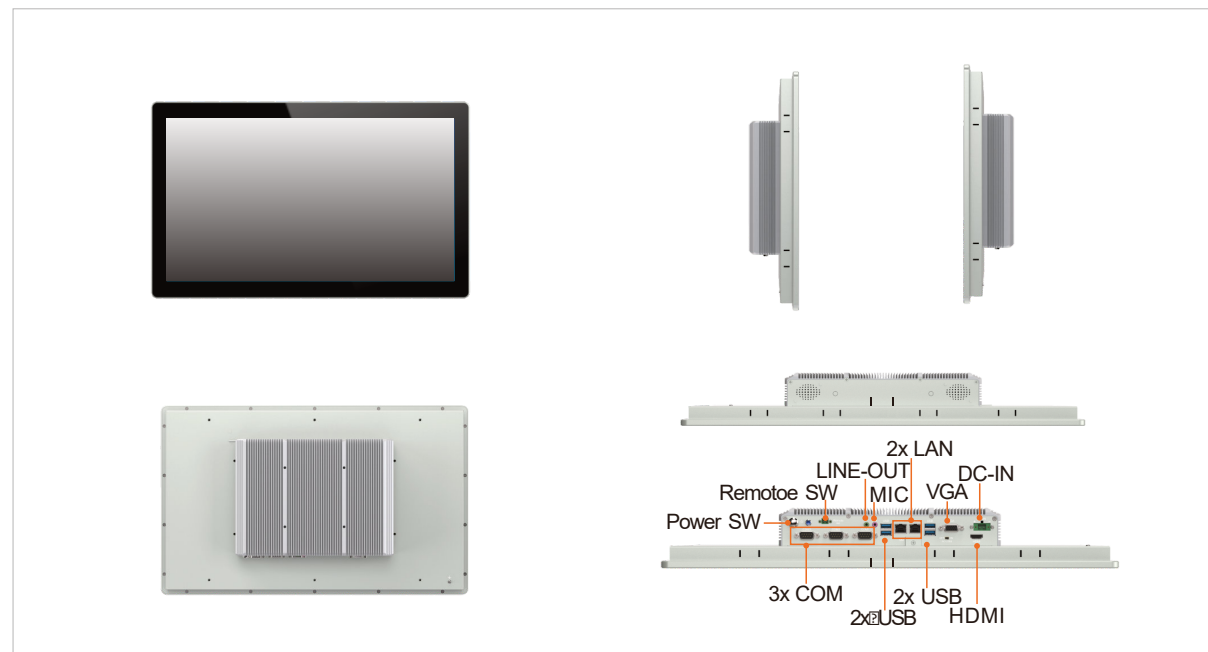
IP65



Touch Display



I/O Interfaces



www.darveen.com

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Specifications

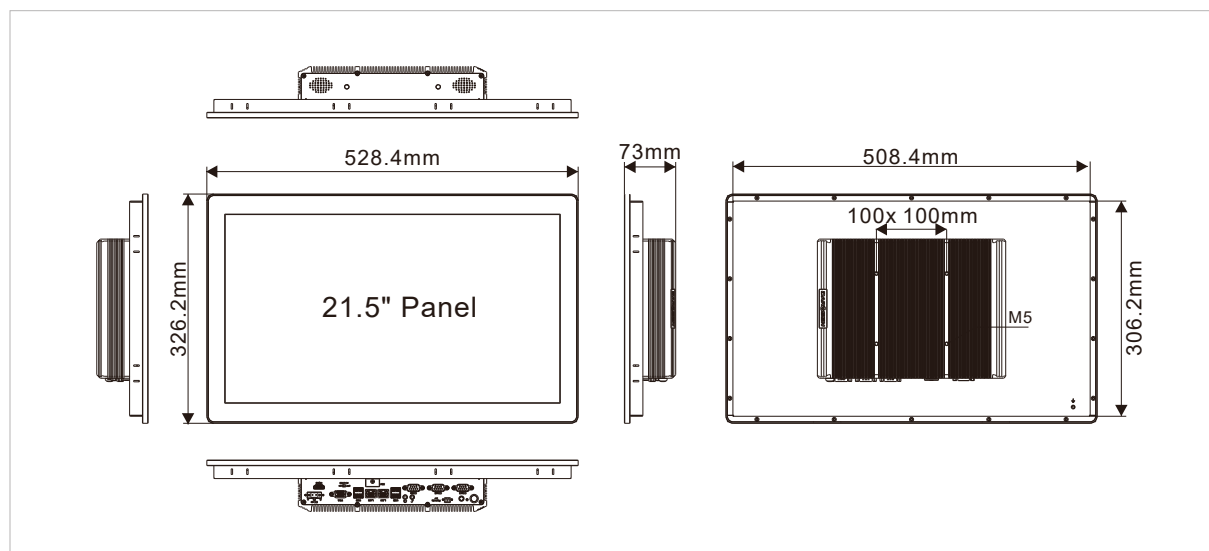
Display		
Size	21.5 inch	
Touch Type	5-wire resisAve touch projected capaciAve multiAve touch (opAonal)	
Transmi@ance	87% (capaciAve)/ 80% (resisAve)	
Control Interface	USB	
Surface Hardness	≥7H/≥3H	
ResoluAon	1920 x 1080	
Luminance	250 nits	
Contrast RaAo	1000: 1	
View Angles	89 (lel), 89 (right), 89 (up),89 (down)	
LED LifeAme	40,000 hrs	
Color	16.7M	
System		
CPU	Intel®Core™i5-10210U(1.6 GHz) quad-core eight-thread processor	Intel Core™i7-10710U (1.1 GHz) Six Core Twelve Thread Processor
Memory	2x DDR4 2666 SO-DIMM (upto 64GB)	2x DDR4 2666 SO-DIMM (up to 64GB)
Storage	1x 2.5" SATA HDD/SSD (opAonal) 1x full length Mini PCIefor mSATASSD	
I/O Ports		
USB	4x USB 3.0	
Serial	3x COM (COM1 supports RS-232,COM2 and COM3 support RS-232/422/485)②	
Ethernet	2x GbE LAN	
Display	1x HDMI, 1x VGA	
SIM Card Slot	1x SIM slot for 4G or 5G	
Antenna	2x SMA antenna holes	
Expansion Slot		
Mini PCIe	1x full length Mini PCIefor Wi-Fi 1x full length Mini PCIefor mSATA	
M.2	1x M.2 3042 for 4G, 1x M.2 3052 for 5G	
RFCommunication		
Wi-Fi	Mini PCIeexpansion (opAonal)	
Cellular	Mini PCIeexpansion (opAonal)	
Bluetooth	Mini PCIeexpansion (opAonal)	
Audio		
Audio	Mic in, line out	
Speaker	2Ω5W speaker	
Power		
Bu@on	Yes	
Remote Power On/Off	1x Remote switch connector	
DC Input	9 to 36VDC	
Power Connector	M12	
Power ConsumpAon	29W	32W
IgniAon On/Off	1x AC loss	
Power Adaptor	AC-DC, 12V@7A, 84W	
Operating System		
Windows	Windows 10, Windows 11	

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Mechanical	
Dimensions (W x D x H)	528 x 326 x 73 mm (20.7 x 12.8 x 2.9 inches)
Weight (N.W.)	7.9 kg (17.4 lbs)
MounAng	Panel mount, wall mount bracket VESA100
Material	Aluminum alloy panel, all-metal chassis
Environment	
OperaAng Temperature	-10 to 50°C (14 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
RelaAveHumidity	10% to 95% @40°C (104°F), non-condensing
VibraAon	5-500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP RaAng	IP65 compliant (for front panel)
CerAficaAon	
EMC	CE, FCC
Packing List	
Packing	1x DPC-7210 1x AC-DC power adapter 10x panel moun5ng buckles 1x warranty card

Dimensions



Update: July 18, 2024. Email: sales@darveen.com

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