CP-D215-FIP65

21.5" Fully Protected Panel PC with 12th Gen Intel® Core™ i5 Processor

Overview

The CP-D215-FIP65 is a 21.5" industrial-grade touch panel PC powered by a high-performance Intel® Core® i5 processor, ideally suited for use in industrial HMI applications. With its modular, fanless, and shockproof design, the robust CP-D215-FIP65 is fully IP65 rated for dustproof and waterproof protection, ensuring extreme durability. The CP series offers display screen options available in both 4:3 and 16:9 aspect ratios. Moreover, it comes equipped with M12 I/O connectors, empowering it to withstand even the harshest environments.

Features

- Intel® Core™ i5-1235U processor
- 21.5" panel PC with capacitive or resistive touch screen
- Sealed to full IP65 protection against water and dust
- M12 connectors for maximum protection against vibration, shock and dirt
- -10 to 50℃ operating temperature

Operating Temp.   Power Input   M12   RF Communication   IP65

I/O Interfaces

USB1
DC-IN   LAN2   POWER
USB2   LAN1
COM

CP-D215-FIP65

Specifications

Display	
Size	21.5 inch
Touch Type	5-wire resistive touch
	Projected capacitive multi touch (optional)
Resolution	1920 x 1080
Luminance	250 nits
Contrast Ratio	1000:1
View Angles	89 (left), 89 (right), 89 (up), 89 (down)
Color	16.7 M
System	
CPU	Intel® Core™ i5-1235U processor
Memory	DDR4 up to 64GB
Storage	mSATA up to 1TB
Graphics	Intel® Iris® Xe Graphics eligible
BIOS	AMI
I/O Ports	
USB	4x USB2.0
Serial	1x COM (supports 1x RS232 or 1x RS485)
Ethernet	2x GbE LAN
Expansion Slot	
Mini PCIe	1x Full length Mini PCIe for mSATA, 1x Full length Mini PCIe for Wi-Fi or 4G
Antenna	2x SMA antenna holes
RF Communication	
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac (optional)
Cellular	4G/LTE (optional)
Bluetooth	BT4.0 (optional)
Power	
Button	Yes
DC Input	12 VDC
Power Consumption	29 W (Typ.)
Power Mode	ATX
Operating System	
Windows	Windows 10, Windows 11
Mechanical	
Dimensions (W x D x H)	544 x 341.8 x 67 .8mm (21.4 x 13.5 x 2.7 inches)
Weight (N.W.)	9.1 kg (20 lbs)
Mounting	VESA 100
Material	Aluminum and SGCC
Environment	
Operating Temperature	-10 to 50°C (14 to 122°F)
Storage Temperature	-40 to 80°C(-40 to 176°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
IP Rating	IP65 compliant
Packing List	
EMC	CE FCC

CP-D215-FIP65

Dimensions

544mm

67.8mm

341.8mm

21.5" Panel

200mm

100mm

100mm