

21.5" Fully Protected Panel PC with Intel® Celeron® J6412 processor

Overview

The RPC-3210 is a 21.5" industrial-grade touch panel PC powered by an Intel® Celeron® processor, ideally suited for use in industrial HMI applications. With its modular, fanless, and shockproof design, the robust RPC-3210 is fully IP65 rated for dustproof and waterproof protection, ensuring extreme durability. The RPC 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® Celeron® J6412 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°C operating temperature



Operating Temp.



Power Input



M12

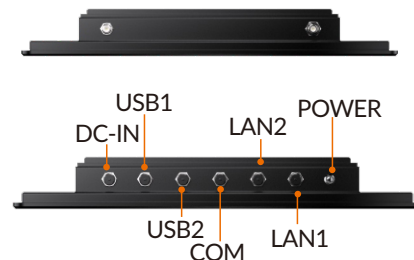
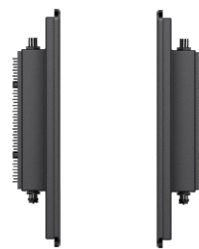


RF Communication



IP65

I/O Interfaces



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® Celeron® J6412 processor
Memory	DDR4 up to 16GB
Storage	mSATA up to 1TB
Graphics	Intel® HD graphics
BIOS	AMI
I/O Ports	
USB	4 x USB2.0
Serial	1 x COM (supports 1 x RS232 or 1 x RS485)
Ethernet	2 x GbE LAN
Expansion Slot	
Mini PCIe	1 x Full length Mini PCIe for mSATA, 1 x Full length Mini PCIe for Wi-Fi or 4G
Antenna	2 x 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 7, Windows 10
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

Dimensions

