# RPC-5210

**DARVEEN**

21.5" Fully Protected Panel PC with 6th Gen Intel® Core™ i5 Processor

## Overview

The RPC-5210 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 RPC-5210 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® Core™ i5-6200U 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
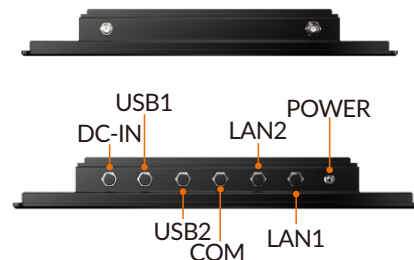- -10 to 50℃ operating temperature

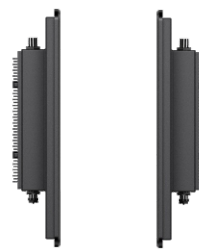| | | | | |
|---|---|---|---|---|
| Operating Temp. | Power Input | M12 | RF Communication | IP65 |

## I/O Interfaces



USB1
DC-IN
LAN2
POWER
USB2
COM
LAN1

## Specifications

| Display | |
|---|---|
| Size | 21.5 inch |
| Touch Type | 5-wire resistive touch<br>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™ i5-6200U processor |
| Memory | DDR3L up to 16GB |
| Storage | mSATA up to 1TB |
| Graphics | Intel® HD graphics 520 |
| 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 | 23 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



544mm

67.8mm

341. 8mm

21.5" Panel

200mm

100mm

100mm

PARHELIA