

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

### Overview

The RPC-5191 is a 19" 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-5191 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
- 19" 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

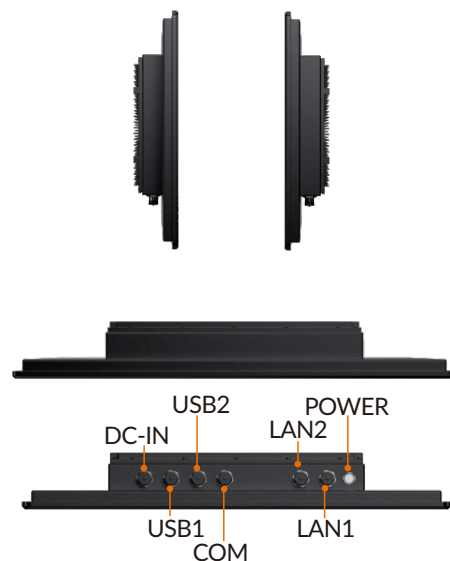


RF Communication



IP65

### I/O Interfaces



## Specifications

|                         |  |
|-------------------------|--|
| <b>Display</b>          |  |
| Size                    | 19 inch  |
| Touch Type              | 5-wire resistive touch<br>Projected capacitive multi touch (optional)        |
| Resolution              | 1440 x 900   |
| Luminance               | 250 nits   |
| Contrast Ratio          | 1000:1   |
| View Angles             | 85 (left), 85 (right), 80 (up), 80 (down)                                    |
| Color                   | 16.7 M   |
| <b>System</b>           |  |
| CPU                     | Intel® Core™ i5-6200U processor  |
| Memory                  | DDR3L up to 16GB   |
| Storage                 | mSATA up to 1TB  |
| Graphics                | Intel® HD graphics 520   |
| BIOS                    | AMI  |
| <b>I/O Ports</b>        |  |
| USB                     | 4x USB2.0  |
| Serial                  | 1x COM (supports 1x RS232 or 1x RS485)                                       |
| Ethernet                | 2x GbE LAN   |
| <b>Expansion Slot</b>   |  |
| Mini PCIe               | 1x Full length Mini PCIe for mSATA, 1x Full length Mini PCIe for Wi-Fi or 4G |
| Antenna                 | 2x SMA antenna holes   |
| <b>RF Communication</b> |  |
| Wi-Fi                   | Wi-Fi 802.11 a/b/g/n/ac (optional)   |
| Cellular                | 4G/LTE (optional)  |
| Bluetooth               | BT4.0 (optional)   |
| <b>Power</b>            |  |
| Button                  | Yes  |
| DC Input                | 12 VDC   |
| Power Consumption       | 27 W (Typ.)  |
| Power Mode              | ATX  |
| <b>Operating System</b> |  |
| Windows                 | Windows 7, Windows 10  |
| <b>Mechanical</b>       |  |
| Dimensions (W x D x H)  | 480 x 328 x 63 mm (18.9 x 12.91 x 2.48 inches)                               |
| Weight (N.W.)           | 7.2 kg (15.87 lbs)   |
| Mounting                | VESA 100   |
| Material                | Aluminum and SGCC  |
| <b>Environment</b>      |  |
| 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   |
| <b>Certification</b>    |  |
| EMC                     | CE FCC   |
| <b>Packing List</b>     |  |
| Packing List            | 1x RPC-5191<br>1x warranty card  |

## Dimensions

