

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

Overview

The RPC-5150 is a 15" 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-5150 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
- 15" 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



I/O Interfaces



Specifications

| | |
|-------------------------|---|
| Display | |
| Size | 15 inch |
| Touch Type | 5-wire resistive touch Projected capacitive multi touch (optional) |
| Resolution | 1024 x 768 |
| Luminance | 350 nits |
| Contrast Ratio | 700:1 |
| 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 | 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 | Power on/off |
| DC Input | 12 VDC |
| Power Consumption | 25 W (Typ.) |
| Power Mode | ATX |
| Operating System | |
| Windows | Windows 7, Windows 10 |
| Mechanical | |
| Dimensions (W x D x H) | 366.5 x 290.5 x 64 mm (14.43 x 11.44 x 2.52 inches) |
| Weight (N.W.) | 5.4 kg (11.91 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 | |
| Packing List | RPC-5150 panel PC 2x M12 to RJ45 Ethernet cable 1x M12 to USB cable 2 x M12 to DB9 cable AC-DC power adapter AC power cord |

Dimensions

