

19" Fully Protected Panel PC with Intel® Celeron® Processor

Overview

The RPC-3191 is a 19" 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-3191 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
- 19.1" 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		RPC-3191-J1900	RPC-3191-J6412
Size	19 inch		
Touch Type	5-wire resistive touch 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		
System			
CPU	Intel® Celeron® J1900 processor	Intel® Celeron® J6412 processor	
Memory	DDR3L up to 8GB	DDR4 up to 16GB	
Storage	mSATA up to 1TB		
Graphics	Intel® HD graphics		
BIOS	AMI		
I/O Ports			
USB	2 x USB2.0		
Serial	2 x COM (supports 2 x RS232 or 1 x RS232 and 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	Power on/off		
DC Input	12 VDC		
Power Consumption	27 W (Typ.)		
Power Mode	ATX		
Operating System			
Windows	Windows 7, Windows 10		
Mechanical			
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		
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-3191 panel PC 2 x M12 to RJ45 Ethernet cable 1 x M12 to USB cable 2 x M12 to DB9 cable AC-DC power adapter AC power cord		

Dimensions

