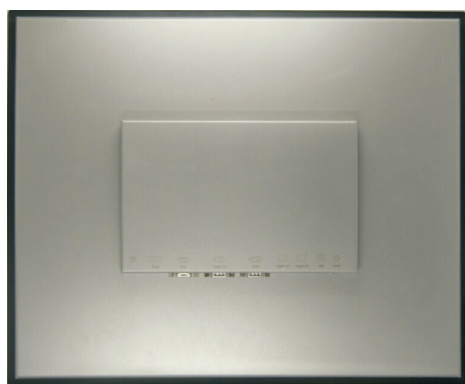# RPPC190TC

X86 architecture economical embedded industrial All-in-one panel PC.

Specification

Product Features	LCD Screen	19" TFT LCD, Resolution: 1280×1024
	Motherboard	Embedded low power motherboard, 1.6G Hz Dual core
	RAM	DDR3 2GB
	Storage	16GB SSD (up to 64GB)
	I/O	3×RS-232,1×RS-232/485(default),2×USB2.0,2×GigaLAN,1×VGA
LCD Specification	Display Type	19" TFT LCD Screen
	Resolution	1280×1024
	Brightness	450cd/m²
	Operating Temp.	0℃~50℃
	LCD Life-span	50,000 hrs
	Backlight Life-span	30,000 hrs
Touch Screen Specification	Type	Resistive
	Tapping Durability	250g force, $>10^6$ times
	Pensliding Durability	250g force, $>10^5$ times
	Control	Touch delay time <10ms, half-sine
Product Specification	Architecture	Full-closed metal architecture
	Color	fluorocarbon coating matt frosted black panel,fluorocarbon coating matt silver-gray casing
	Installation	Embedded
	Power	9~30V DC
	Dimensions	470×385×53mm
	Cabinet Mounting-hole	454×369mm
	Network	6.0Kg
Environment	Operating Temp.	0℃~50℃
	Operating Humidity	5%~90%@50℃
	Storage Temp.	-20℃~70℃
	Storage Humidity	8%~90%@40℃
	Vibration	10~57Hz,displacement amplitude:0.075mm,57~150Hz, 9.8m/s²
	Shock	150m/s²
	Impact of Pulse Width	10ms, half-sine
Software	OS	WindowsXP、WindowsXPE、Windows7
	Application Software	Free bundling HMIBuilder universal version 150-point distributed industrial configuration software

Features

- High-reliable hardware device
- High-end software platform, applying standard OS, completing all kinds of complicated operating interface via configuration software.
- Powerful data processing function, can save/query/pring all kinds of data,doing reports and trend curve.
- Abundant hardware interact functions, can read and write variousof PLC, intelligent instruments,intelligent modules,frequency converter etc.
- Flexible secondary development ability, can customize specified functions according to customers' requirements.
- Accurate loop control function, can realize complicated process control as circulating/jump/judgement/interrupt etc..
- Powerful network communication, support serial port communication, ethernet communication etc..
- Reliable security management mechanism to ensure the reliability of the system data.
- Applying modularity design concept for convenient system maintenance and device replacement.

Product Introduction

RPPC190TC is an embedded low power and high performance HMI. It adopts 19" high brightness TFT LCD display & resistive touch screen, supports Windows XP universal operating system and free bundling universal 150-point distributed industrial configuration software.

Ordering Info

RPPC190TC
1.6GHz, DDR3 2GB, 16GB SSD (up to 64GB), 19" TFT LCD with resolution of 1280×1024, 3×RS-232, 1×RS-232/485(default), 2×USB2.0, 2×GigaLAN, 1×VGA