

PPC-1006

10.1" Rugged Panel PC



Features

- High-performance Intel Baytrail quad-core industrial embedded CPU
- 10-inch high-brightness industrial-grade display screen, sunlight readable
- Supports industrial wifi and 3G function, facilitating flexible using
- Drawable design for HDD, to facilitate easy replacement
- Dual battery power supply, supporting hot swap replacement
- Meets six items of EMC standards of air forces; capability to resist up to 25G impact
- IP65 protection grade for the whole PC
- Portability

Specifications

Display Features

Display size	10.1"
resolution	1280 x 800
Brightness	500cd/m2 sunlight readable
Contrast ratio	700: 1

Touch screen

Touch screen:	5-wire resistive military-grade touch screen
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System

Processor	Intel® Celeron® Processor N2930 (2M Cache, quad-core, four-thread, up to 2.16 GHz)
Memory	4GB DDRIII memory
Expansion	Built-in 1 x Mini-PCle (supports WIFI and 3G), built-in 1 x PMC slot (Only one of the two options can be selected.)
HDD	128GB 2.5" SATA SSD

I/O port

LAN port	1 x 10/100/1000Mbps LAN port
USB	1 x USB3.0 (left side) 1 x USB2.0 (right side)
COM port	1 x COM port (supports RS-232/RS-422/RS-485 mode selection, RS-232 by default. Among them, RS485 COM port supports hardware automatic data flow control)
Power connector	Supports 9-32VDC input

Power supply

Adapter	Military standard 90W DC adapter AC 100-240V input, 28VDC output
Battery	Removable 4500mah Li-ion battery, with no less than 300 times of charge and discharge cycles. Operating temperature(-20℃~55℃) (note: when the PC works under -25℃, the adapter is used for power supply)

Test

EMC	Six items of EMC standard of air forces
IP protection grade	IP65 for the whole PC

Operating System

Operating system	Windows OS; Win 7
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Mechanical and Environmental

Dimensions	280*194*34mm (excluding edge protector)
Operating Temperature	-40℃~55℃
Storage Temperature	-55℃~70℃ relative humidity: 5~95%, non-condensing
Operating Humidity	≤2.5KG