

Model: PPC-2812T
12.1" Fanless Touch Panel PC - Intel Atom N2800; 4 x COM; IP65 front protection



Application:

Factory Automation; Processor Automation; Power Generation; Marine / Offshore Industrial; Kiosk ...

Main Feature

- LED Panel – Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 12.1" XGA LED Panel support 1024x768 pixels
- Intel Atom N2800 (1.86GHz, Dual Core, 1MB Cache, 6.5watt) Processor
- 6mm Aluminum Magnesium Alloy front bezel (with PET protection film) - light weight design
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- Aesthetic ultra-thin front bezel for minimize stain water & dust
- 4 x COM (All ports could set to RS232/485)
- Wide Range DC input: 9-30VDC
- (Optional – WIFI) MINI PCI-E WIFI Module with Antenna
- Panel (Flush) mounting with clip

Specification	
Product Model	PPC-2812T
CPU	Intel Atom N2800 (1.86GHz, Dual Core, 1MB Cache, 6.5watt)
Chipset	Intel NM10
Memory	DDRIII 2GB RAM onboard
Storage	Space for 1 x 2.5" Drive Bay
Display	Display Type : 12.1" XGA LED Panel LCD Resolution : 1024 × 768 Luminance : 450 cd/m2

	View Angel : 130°(H), 120°(V)
Audio	Realtek ® ALC662, 5.1 channel surround audio
LAN	2 x Intel 82583 (Gigabit) 10/100/1000Ethernet, with 15KV ESD & Surge protection
USB port	1 x USB 2.0 (front) & 4 x USB 3.0 (Rear), with 8KV ESD protection
COM port	4 x RS232/485 (Selectable), with 8KV ESD & TVS 600W Surge protection
Display output	Intel GMA 3600, with VGA output
Expansive interface	1 x Mini PCI-E
Back panel I/O port	2 x RJ45; 4 x USB 2.0; 1 x VGA ; 1 x Audio Out; 4 x COM (RS232 / 485); 1 x LPT Power / Reset Switch; 1 x DC input terminal
Supporting OS	DOS; Windows 2K/XP/Vista/7; Linux
Touch Screen	Internal USB or RS-232 <u>industrial grade 5 wire Resistive Touch controller</u> Resolution: 4096 x 4096 Light transmission: 80% or more Surface hardness : 3H Operating force : ≤100g Life expectancy : 35 Million Operation system : Window 2000 / XP / Vista / 7 / CE, DOS , Linux
Wireless LAN (optional)	MINI PCI-E WIFI Module with Antenna
Power Supply	9-30VDC input with termination block
Construction	Heavy duty steel and aluminum front panel
Environment	Operating temperature: -15°C to 60°C Relative humidity: 10% to 90%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec)
Compliance	CE; FCC; ROHS
Dimension W x H x D (mm)	322 x 244 x 52

Ordering Information

PPC-2812T	12.1" Fanless Touch Panel PC – Intel Atom N2800, with Touch Screen, with 100~240VAC to DC 12V 60W adapter
Optional - SSD / HDD	16 GB to 1TB SSD / 320GB to 1TB 2.5" SATA HDD
Optional - WIFI	MINI PCI-E WIFI Module with Antenna
Optional - OS	Windows XP or 7 Professional

Structure Diagram (Panel cut-off dimension: 305 x 231mm) Unit: mm

