

Model: PPC-121WA
21.5" Fanless Panel PC with Rockchip 3588 processor



Main Feature

- LED Panel – Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 21.5" Full HD LED Panel support 1920x1080 pixels, true-Flat TFT LCD Projected capacitive touch
- Embedded Rockchip RK3568 processor, Quad core Cortex A55
- Aluminum Magnesium Alloy front bezel
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- 2 x COM port, COM2 supports RS232/485
- WIFI Module with Antenna and Blue Tooth
- Panel (Flush) mounting with clip
- Meet standard VESA hole (75 x 75 & 100 x 100mm), support desk top stand / wall mount / swing arm mounting

Application:

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

Specification	
Product Model	PPC-121WA
CPU	CPU: Rockchip ARM® RK3588, Quad-core Cortex-A76 and A55 GPU: ARM Mali-G52 2EE
Memory	1 x LPDDR4 with 4 GB
Storage	64GB eMMC Flash
Display	Display Type : 21.5" Full HD LED Panel LCD Resolution : 1920 x 1080 Luminance : 250 nit View Angel : 178° (H), 178° (V)
Audio	MIC and Line-Out
LAN	1 x 10/100/1000 Mbps Ethernet, 1 x WIFI 6 + BT 5.0

USB port	2 x USB 2.0 and 2 x USB 3.0
Power Supply	Input: 100~240VAC, 50/60Hz; Output: DC 12V/ 4A adapter
Back panel I/O port	1 x RJ45, 4 x USB 2.0/3.0, 1 x HDMI, 1 x Lin-out / MIC, 2 x COM, 1 x Power Switch, DC input terminal (12-24VDC)
Supporting OS	Android 12, Debian 11 and Ubuntu 12.04
Touch Screen	Internal USB interface controller - Projected Capacitive Multi Touch (10 points) Light transmission: 85% or more Surface hardness : 7H Operation system : Windows XP / 7 / 10 / 11; Linux
Wireless LAN & BT	M.2 WIFI Module with Antenna, Blue tooth 5.1
Construction	Heavy duty steel and aluminum front panel
Environment	Operating temperature: -20 °C to 60 °C Storage temperature: -30 °C to 80 °C Storage humidity: 10% to 90% non-condensing Vibration operate SSD: 3 Grms, IEC 60068-2-64, random, 5-500 Hz, 1 hr/axis Shock operate SSD: 30 G, IEC 60068-2-27, half sine, 11 ms duration
Compliance	CE; FCC; ROHS
Dimension W x H x D (mm)	537 x 324 x 58
Ordering Information	
PPC-121WA	21.5" Fanless Panel PC with Rockchip 3588 processor
(Optional) OS	Pre-install Android 11 - 13
(Optional) OS	Pre-install Debian 11
(Optional) OS	Pre-install Ubuntu 12.04

Structure Diagram

