

# Fanless Industrial Panel PC -12.1" N3160 Processor



## Features :

- \* 12.1" 1024 x 768 XGA LCD panel with LED backlight
- \* Anti-scratch surface : 7H hardness
- \* -10 ~ 60°C range operating temperature
- \* PCAP touchscreen :10 point multi touch
- \* Serial ports RS232/485 , RS485 with Auto-flow control
- \* Mini PCIe expansion slot support
- \* Fanless cooling system
- \* IP65 front panel compliant
- \* Easy to maintenance for Cfast/HDD/SSD
- \* 9~36Vdc Power in

Model No :ICN-121PW-ST



## Main Specifications

System	CPU	Intel® Celeron® Processor N3160 Quad Core, 1.6-2.42Ghz 2MB cache
	Chipset	Intel Atom Braswell SoC
	Memory	2GB DDR3L SO-DIMM RAM module installed 1 x DDR3L SO-DIMM Socket , Supporting 1600/1333 MHz SDRAM up to 8GB
Storage	LAN	2 x Realtek RTL8111G GbE controllers
	1st Device	2 x 2.5" drive bay, mSATA
Audio	2nd Device	1 x CFast slot internal (Optional)
		Realtek ALC887 Audio Codec
Display&Touch	Size	12.1" TFT LCD Panel 1024 x 768, XGA
	Luminance	450 cd/m <sup>2</sup>
	Viewing Angle	80°/80°/85°/85°
Expansion	Touch Screen	10 points PCAP Touch , 5wire Resistive Touch (optional)
	Expansion Bus	1 x Mini-card socket (Full / Half Size), 1 x mSATA
External I/O	Digital I/O	8 Bit Dital I/O
	Serial Ports	1 x RS232 and 2 x RS232 (Optional)
	USB Ports	4 x Type-A USB 3.0 ports , 1 x Type-A USB2.0 port
	LAN	2 x RJ-45 GbE ports
	Graphics	1 x DP/HDMI connector
Power System	WiFi	SMA antenna holes (optional WiFi function)
Environmental		DC 9~36V
	Operating Temp.	-10°C ~ 60°C
	Storage Temp.	-30°C ~ 70°C
Certification	Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
	EMC/EMI	CE,FCC,Class A
Mechanical	Mounting type	Panel Mounting and VESA-100 Mounting
	Classis	Aluminum front bezel and SECC steel chassis
	Dimension	318(W) x 53(D) x 249 (H) mm
	Weight ( net )	4.6 kgs
OS Support		W7 Pro / WS7E / W10 / Linux: Ubuntu

