

# FANLESS Water Proof Touch Panel PC

## 12.1" (4:3) Resistive Touch Screen Fanless Panel PC

Intel i3 3217U CPU(1.8G) ,Front Panel Water Resistant, 0°C ~ 45° C  
Operating temperature, 4G RAM,320GB HDD, 2xGiga LAN ports, PC  
power input, black brazel for panel Mount, 2xCOM standard  
(option more COM), 4xUSB

MODEL: MPC1210-i3



### FEATURES:

- 12.1" (4:3) LED backlight Industrial Panel PC
- Intel Core i3-3217U CPU
- One SO- DDR3 1333 DIMM slot , Support Max. 10G
- 5-wire resistive type touch screen supported
- 1\*SATA for 2.5"HDD , 1\* mSATA for SSD
- 2COM(6 COM Option) + 4USB + 1\*VGA + 2\*Giga LAN
- 1\* HDMI + 1 x mPCIe space
- WIFI 802.11 b/g/n (option)
- 1x Internal USB2.0 for Keypro
- OS support: Win7(e), Win XP(e), Win CE, Linux



## SPECIFICATIONS

### LCD Specs

Size	12.1"
Resolution	1024 (W) x 768 (H)
Brightness (cd/m <sup>2</sup> )	500 cd/m <sup>2</sup>
Contrast Ratio	700:1
LCD color	262K / 16.2M
Pixel Pitch (mm)	0.240(H) x 0.240(V)
Viewing Angle (H-V)	160° (H) / 140° (V)
Backlight MTBF	30000 hrs (LED backlight)

### TOUCH

Touch Screen	5-wire resistive type with USB Interface (PCAP Option)
Touch Controller	EETI Touch kit

### SYSTEM

CPU	Intel® Core™ i3-3217U CPU	
Chipset	Intel® NM70	
RAM	RAM 2G on Board, Support one 1333 MHz SO-DDR3 DIMM slot (max. 10GB)	
Ethernet	2*Realtek RTI.8111F PCIe GbE controller supporting ASF 2.0	
Audio Codec	Realtek ALC662 HD audio codec	
SSD	mSATA	
Input / Output	2 x RS-232 COM(6 COM Option) Port (DB-9) 2 x GbE LAN (RJ-45) 4 x USB2.0 1 x Audio jack 1 x MIC jack 1 x VGA + 1 x HDMI	1 x Power On button 1 x DC input jack 1 x DC input bypass terminal (Option) 1 x internal USB2.0 for Keypro
Expansion Interface	1x mPCIe slot	
System Cooling	CPU Heatsink Fan Cooling	

### CONNECTIVITY

Wireless	IEEE 802, 11b/g/n(Option)
Bluetooth	Optional

### PHYSICAL

Contraction Front Panel	Optional Steel front frame and whole case
Mounting	Panel,Stand, and VESA 100mm x 100mm, 75mmx75mm
Color	Black
Dimensions (WxHxD)mm	311.8 x 246.8 x 85.8
Weight (N/G) Operation	4.2 kg

### ENVIRONMENT

Operating Temperature (°C)	0 °C ~ 40°C
Storage Temperature (°C)	-20°C ~ 60°C
Humidity	10% to 95% (non-condensing)

### POWER

Power Supply	60W power adapter Input: 90VAC~264VAC, 50/60 Hz, Output: 12VDC
Power Requirement	12 VDC
Power Consumption	

### CERTIFICATION

IP Level	Front Panel IP 64
Safety & EMC	CE / FCC



# MECHANICAL DRAWINGS

