

# IEC-612NF

Industrial touch screen PC

## 12.1" LCD Panel PC with Intel Atom N455 Processor



### Features

- 12.1" TFT LCD Panel, 1024x768 pixels, 200cd/m2 brightness
- Intel Atom N455 single-core processor 1.66GHz/512KB L2 cache
- Material: Aluminium magnesium alloy chassis
- 5\*COM(3\*RS232, 2\*RS232/422/485), 1\*PS/2, 1\*VGA, 1\*LPT, 4\*USB, 2\*GLAN, 1\*Audio
- Resistive Touchscreen
- Wifi Optional
- NEMA4/IP65 compliant front panel
- Meet standard VESA hole , support desktop stand / wall mount / swing arm mounting

### Specifications

System	
Motherboard	IEC-817N2V Motherboard
CPU	Intel Atom N455 single-core processor 1.66GHz/512KB L2 cache
RAM (Memory)	1G DDR3
Network	2 x Intel 82574L Gigabit Lans
HDD (hard disk )	2.5" HDD SATA250G
Display	Intel GMA 3150, Up to 256M display memory shared with system
I/O Connector	5*COM(3xRS232, 2XRS232/422/485), 1*PS/2, 1*VGA, 1*LPT, 4*USB, 2*GLAN, 1*Audio
Expansion	Wifi Optional
Construction	Aluminum magnesium alloy chassis
Color	Black
Installation	Install on desk, Hanging on the wall or VESA cantilever install
Power connector	3 Pin connector
Power Supply	DC 12V input DC 8V~28V input(Optional)
LCD Panel	
Display Type	12.1" TFT LCD
Resolution	1024x768
Luminance	200 cd/m2
Contrast Ratio	300:1
Touchscreen(Optional)	
Type	Resistive Touchscreen
Controller Interface	Internal USB ( RS-232 interface option)
Light Transmission	81% or more
Operating Force	≤250g
Life Expectancy	10 Millions
Environmental Specifications	
Operating Temperature	-10 °C to 50 °C
Storage Temperature	-20 °C to 60 °C
Storage Humidity	5% to 95%@ 40°C , on-condensing
Vibration	5-17Hz/1mm amplitude, 17-640Hz/1.5g acceleration
Shock	10G peak acceleration (11 msec. duration)

IP Leve (Front Panel)	IP65
Safty	FCC/VDE(Level A)
MBTF	>50,000 hrs
Packing info	
Dimensions(WxHxD)	322x247.5x69.9mm
Packing Dimension	450x320x140 mm
NET weight	4.5 KG
Exporting packing	User manual x1, Warranty card x1, Packing list x1, Driver CD x1, Screws x1 bag, Touch pen x1, Clipx4

### Ordering Informations

#### IEC-612NF

IEC-612NF Chassis, 12.1" TFT LCD, 12.1" Touchscreen, IEC-817N2V Board, DDR3 1G Ram, 2.5" 250G SATA HDD, 5\*COM(3\*RS232, 2\*RS232/422/485), 1\*PS/2, 1\*VGA, 1\*LPT, 4\*USB, 2\*GLAN, 1\*Audio

### Dimensions Diagram

