

# IPC-08FL

8.4" Industrial Fanless Panel PC, Touch screen, 2 COM (1 RS232/422/485), HDMI, VGA, AUDIO



## Features

- Fanless design for low power consumption
- 8.4" TFT SVGA LED Panel (800 x 600) with resistive touch screen
- Embedded Intel® Atom™ processor N2800 1.86 GHz
- System memory up to 4 GB SODIMM DDR3 800/1066/1333 SDRAM
- 2 x COM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO
- Offers 2 x Mini PCIe slot, for expansion
- Rear panel with power LED and HDD LED Indication
- Wireless LAN with antenna (optional)
- Robust aluminum with IP65 compliant front bezel design
- Panel ( Flush ) mount with clip or Standard VESA 75/100mm support stand, wall mount and swing arm

## Specifications

### Main System

<b>CPU</b>	Onboard Intel Atom N2800 1.86GHz Dual-core CPU with 667 MHz FSB
<b>Chipset</b>	Intel NM10 chipset
<b>System Memory</b>	1x SODIMM DDR3 800/1066/1333 SDRAM up to 4 GB, preload 2GB Ram
<b>LAN</b>	2.5" SATA HDD; Preload 320GB HDD or 32G SSD
<b>HDD (hard disk )</b>	Two LAN onboard: 2x Realtek ® RL8111x (Gigabit ) 10/100/1000Ethernet
<b>Graphic</b>	Intel GMA3650 chipset
<b>Audio</b>	Realtek ® ALC662, 5.1 channel surround audio
<b>I/O Connector</b>	1 x RS-232 1 x RS-232/RS422/485 1 x HDMI 1x DB-15 Connector 1x Audio (Mic-in / Line-out) 2x 10/100/1000MLAN port ( RJ-45 ) 4x USB2.0 1x 3Pin DC power input terminal block
<b>Expansion</b>	Mini PCIe slot

### General

<b>Construction</b>	Aluminum front bezel and Aluminum chassis
<b>Color</b>	Black or OEM(>=100 units)
<b>OS Support</b>	Windows 7, Windows XP, Linux
<b>Mounting</b>	Panel mount or Standard VESA 75/100mm
<b>Power supply</b>	Input Voltage : 8~30v, with External AC adapter; Output Rating 30W
<b>Dimensions(WxHxD)</b>	248.8 x 196.8 x 58 mm
<b>NET weight</b>	4 KG

### LCD Display

<b>Display type</b>	8.4" SVGA TFT LCD LED Backlight
<b>Resolution</b>	800 x 600 pixels
<b>Luminance</b>	250 cd/m2
<b>Viewing angle</b>	160°(H) , 140°(V)

### Touch screen

<b>Controller Interface</b>	Internal USB interface controller
<b>Resolution</b>	Continuous
<b>Light Transmission</b>	81% or more
<b>Operating Force</b>	≤100g
<b>Life Expectancy</b>	35 Million

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## Environment

Operating Temperature	0 ~ 45°C (32 ~ 113°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Humidity	10% to 90%@ 40°C , on-condensing
Vibration	17 to 500HZ 1G PTP
Operating Shock	1G /peak ( 11m sec)
Ingress Protection	Front panel: IP65

## Ordering informations

IPC-08FL	Fanless Panel PC with 8.4" SVGA TFT LCD, Intel Atom N2800 Processor, 2.5" SATA 320G HDD(or 32G SSD) , 2G RAM(4G optional), 2x COM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO
IPC-08FLT	Fanless Touch screen Panel PC with 8.4" SVGA TFT LCD, Intel Atom N2800 Processor, 2.5" SATA 320G HDD(or 32G SSD) , 2G RAM(4G optional), 2x COM (1XRS232/422/485), 1 x HDMI, 1xVGA, 4xUSB, 2xLAN, 1x AUDIO, Resistive touch screen

## Dimensions Diagram

