

# FPC 7104

10" 1024x600 LED touch LCD  
Atom 1.6GHz N270 processor  
Fanless cooling system



## » Features

- » 10" 1024x600 LED backlight LCD
- » Integrated 4 wire resistive-type touch screen
- » Atom 1.6GHz N270 processor
- » 945GSE/ICH7M chipset
- » 2 x RS-232 ports & 2 x USB ports
- » IP-54 water & dust-proof aluminum front bezel
- » Panel mount or VESA mount ready
- » 12VDC power input with EXT VAC power adapter

## » Specifications

### Material By:

Aluminum front bezel (5mm)  
IP-54 water & dust proof rated

### LCD Panel:

10" 1024x600 16:10 Color LCD  
Display type: TFT color  
Brightness: 250 cd/m<sup>2</sup>  
Contrast ratio: 500:1 (typ)  
Viewing angle: -60~60° (H), -15~35° (V)  
Pixel pitch: 0.21525 (H) x 0.21525 (V)  
Max colors: 262,144  
Input Frequency: 1024x600@60Hz  
Front brightness control for LCD backlight  
Power Consumption: 15W

### Main System:

CPU: Intel Atom N270 1.6GHz processor  
BIOS: AMI 4Mbit  
System chipset: 945GSE / ICH7M  
Memory slot: 1 x 200-pin DDR2 SO-DIMM, up to 2GB  
Graphic chipset:  
Intel 945GSE integrated (max. 224MB shared)  
Audio: AC97 codec  
Ethernet: Dual realtek RTL8111B Gigabit LAN  
Watchdog timer: 256 levels  
I/O chipset: Winbond W83627EHG  
IDE: 1 x 44-pin IDE (UDMA33/66/100)  
SATA: 2 x SATAII, 2.5" HD  
KB/Mouse: 1 x PS/2 port , Serial: 2 x RS-232 port

### Touch Screen:

Type: 4-wire, analog resistive type

### Connectors:

1 x D-Sub 19 pin (female) for external VGA  
2 x D-Sub 9 pin (male) for RS-232  
2 x RJ-45 for Ethernet  
1 x PS/2 (Y-cable for keyboard & mouse)  
2 x USB type-A receptacle ports  
1 x 12VDC power connector (terminal block)

### Power Supply:

12VDC power input with 3-pin terminal block  
110/220VAC external power adapter (36W)

### Dimensions (W x D x H):

11.26" (286mm) x 1.97" (50mm) x 7.17" (182mm)

### Weight:

5LBS

### OS supported:

Windows® CE.NET / XPE / XPPE / Linux

### Environmental:

Front panel meets IP54  
Operating temperature: 0°~45°C (32°~ 113°F)  
Relative humidity: 30% ~ 90% @ 40°C, non-condensing  
Shock (operation): 15G, 11ms duration  
Vibration:  
Operating: 5 Hz ~ 500 Hz/ 1 Grms/ 3 Axis  
Packing: 5 Hz ~ 500 Hz/ 2.16 Grms/ 3 Axis

### Certifications:

CE, FCC, RoHS

## » Ordering Guide

### FPC 7105:

10" 1024x600 touch panel PC, Atom N270 1.6GHz, 1GB  
DDR2 memory, 20GB HD, on-board Video/Audio/LAN &  
12VDC power input with AC power adapter.

## » Opional Item

### External Power Adapter:

110/220VAC 24VDC output 36W power adapter

**ACNODES**

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