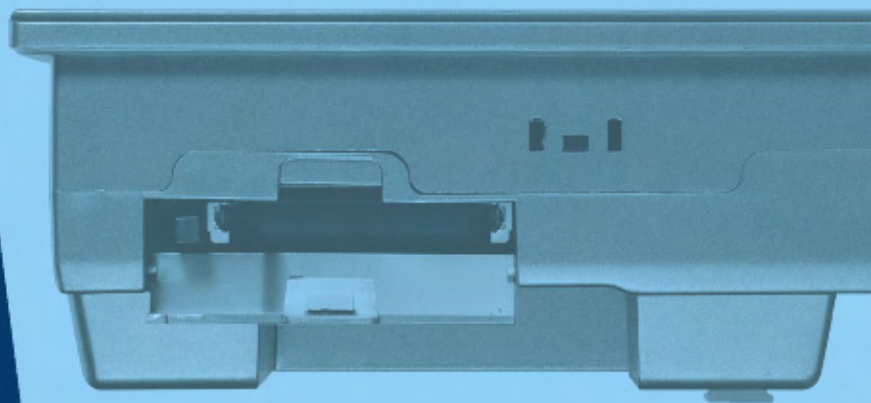




# Panel PC ATP-084



**Professional Industrial  
100 % Fanless design Panel PC**

## Introduction

ATP-084 is a Fan-less low power consumption Industrial Panel PC with 8.4" SVGA color TFT and Touch. Slim, Compact design, Aluminum front panel meets NEMA 4 / IP65 dust and water approving. On-board Flash ROM built-in WinCE.NET/Visual Studio Framework 1.1 and Compact Flash tm card for suitable for reliable and vibrate applications. Supports USB 1.1 host and client. industrial grade design for DC 24V-input.



ATIO System is a Subsidiary of ER-SOFT, S.A.

Distribución: **ER-SOFT, S.A.** Email: [er@er-soft.com](mailto:er@er-soft.com), Tel: +34 916 408 408



# Panel PC ATP-084

# ATP-084

## 100 % Fanless design for Automation controller

### FEATURES

- Fan-less and low power consumption CPU Inter-Xscale CPU PXA255.
- 8.4" SVGA color TFT LCD.
- Windows(R) CE.NET/Visual Studio Framework 1.1 supported and flash ROM on-board.
- Slim and compact design.
- Suitable for reliable and vibrate applications- Flash memory and Compact Flash tm card.
- NEMA 4/IP65 compliant front panel.
- Supports USB 1.1 host and client.
- Over-voltage power protection; Isolate DC/DC power supply.

### Main System Specifications

- Construction : Rugged heavy duty steel
- Drive Bay : Flash ROM 32MB for OS image (on board); 32MB for data storage (maximum 64MB) Optional
- CPU Board : Intel PXA255; 400MHz
- Dimension : 232.5x177.4x65mm
- Net Weight : 1.6 KG
- EMC : CE/FCC Class A

### LCD Display

- Display Type : 8.4" TFT Flat Panel 65535 colors(18bits) - LVDS or TTL direct signal connection.
- Max.Resolutions : SVGA 800 x 600 dots
- Brightness : 200 candle light w / brightness control
- Backlight MTBF : 50,000 hrs
- One VGA out DB15 Female connector

### Power Supply

- Output Rating : 100W max
- Input : 24VDC  $\pm$  10% at any loading, 1A,
- EMI / EMS : Meet FCC / CE

### Touch Screen

- Resistive, 4Wire or 8Wire Touch panel

### Environmental

- Operation Temperature : 0° C~50° C
- Relative Humidity : 20~90%

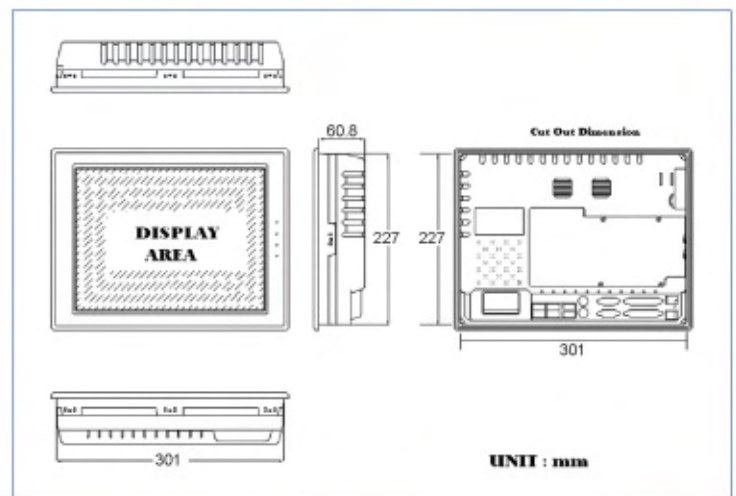
### I/O specification

- USB 2.0 Host x 1; USB1.1 Clint x 1
- One Full Function RS-232; One 4Wire RS232 4 pin Terminal (RS422/485)
- 2 x Digital Input; 2 x Digital Output
- CF Single slot x1, Type II, 16-bit mode.
- One Ethernet 10/100 Base-T
- Stereo Audio connector Microphone input
- One P/S 2 for Mouse and Keyboard



- |                   |                        |                    |
|-------------------|------------------------|--------------------|
| 01 Power Terminal | 02 COM1(RS232/422/485) | 03 COM2(RS232)     |
| 04 DIP-SW         | 05 COM2(RS232/485)     | 08 Digital Input   |
| 07 Digital Output | 06 KB/MS               | 09 SW RST          |
| 10 USB-B type     | 11 USB-A type          | 12 LAN             |
|                   |                        | 13 VGA-out         |
|                   |                        | 14 Speaker-out     |
|                   |                        | 15 MIC-in          |
|                   |                        | 16 CF slot type II |

### Dimension diagram



**ATIO System, Inc.**  
(Taiwan Headquarter)  
7F, No. 50, Min Chuan Rd.,  
Hsin-Tien City, Taipei County,  
Taiwan  
Phone: 886-2-8665-0391  
Fax: 886-2-8665-0850  
e-mail: atio@atiosys.com

**ATIO System, Inc.**  
(North America Branch)  
9576 Topanga Canyon Blvd.,  
Chatsworth, CA 91311 USA  
Phone: 818-717-5135  
Fax: 818-717-8075  
e-mail: sales@atiosys-usa.com

**NEOTEK SYSTEM, Inc.**  
(China Branch - Shenzhen Office)  
11G, No. 59, Xinwen Road, Futian Fortune  
Shenmao Trading Centre, Shenzhen,  
China 518034  
Phone: 86-755-82949074  
Fax: 86-755-82949132

[www.atiosys.com](http://www.atiosys.com)