



# Panel PC ATP-120E

## Introduction

ATP-120E series Panel PC is modular design with a removable 3-slot extension box. The innovative easy-removable CD-ROM bay brings the advantage on software installation.

ATP-120E is the best choice for industrial field applications and other usages for space saving applications, such as HMI solution, Factory Automation or the applications for the harsh environments.

**Professional Industrial  
Panel PC Manufacturer**



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## Main System Specifications

- ⊙ Construction : Rugged heavy duty steel
- ⊙ Drive Bay : One 2.5" HDD bay  
: One slim-type CD-ROM bay
- ⊙ CPU Board : Please refer to the SBC information  
\*ATP-120E-861A (EMB-861A)  
\*ATP-120E-861B (EMB-861B)
- ⊙ Dimension : 353x258x86.5 mm(w/o EB-120E)  
: 353x258x162.9 mm(w/ EB-120E)
- ⊙ Net Weight : 5.0 KG(w/o EB-120E)

## LCD Display

- ⊙ Display Type : 12.0" TFT Color LCD
- ⊙ Max.Resolutions : 800 x 600 dots
- ⊙ Contrast Ratio : 350
- ⊙ Brightness : 300 candle light w/ brightness control
- ⊙ Backlight MTBF : 50,000 hrs

## Power Supply

- ⊙ Output Rating : 100W max
- ⊙ Input : 90-264VAC/ 47~63Hz
- ⊙ Output : 5V/12V/-12V/-5V
- ⊙ EMI / EMS : Meet FCC / CE , full compliance with the LVD
- ⊙ Safety : Meet UL / CSA

## Touch Screen

- ⊙ Type : 8-Wire Analog Resistive
- ⊙ Resolution : 800 x 600 or higher
- ⊙ Interface : RS-232
- ⊙ Light Transmission : 76%
- ⊙ Durability : 30 Million touches per one point(pixel)
- ⊙ Sheet resistance : 220 + 30% / Square
- ⊙ Insulation resistance : >20M @ 25VDC

## Ordering Information

	ATP-120E-861A	ATP-120E-861B
<b>Computing Power</b>	PIII	PIII-Fanless
<b>CPU</b>	Socket 370, support up to PIII 850Mhz	VIA Eden 600Mhz
<b>Max. Memory</b>	512MB SDRAM	512MB SDRAM
<b>USB</b>	USB 1.1	USB 1.1
<b>HDD Bay</b>	Standard	Standard
<b>CD-ROM Bay</b>	Removable	Removable
<b>Touch</b>	Option	Option
<b>Extension Box</b>	EB-120E (option)	EB-120E (option)

## Extension Box

### Model name : EB-120E(option)

- ⊙ Half-size card extension
- ⊙ 3 slots available for 3 PCI add on cards
- ⊙ With special hold clamp in box
- ⊙ Net Weight : 2.0 KG

## Environmental

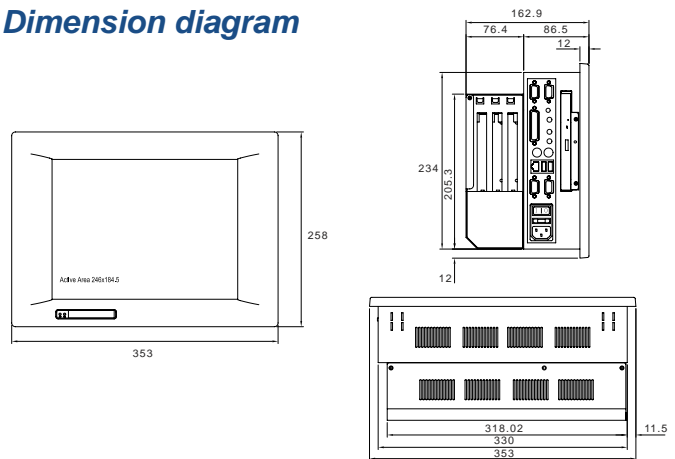
- ⊙ Operation Temperature : 0 ~50
- ⊙ Relative Humidity : 5~90% @ 35 non-condensing
- ⊙ Vibration : 5~500Hz 1G RMS Random Vibration

## I/O



- ⊙ 01 COM1
- ⊙ 02 COM2
- ⊙ 03 COM3
- ⊙ 04 VGA
- ⊙ 05 Speaker-out / Mic-in / Line-in
- ⊙ 06 LCD Brightness Control
- ⊙ 07 Keyboard & Mouse
- ⊙ 08 Ethernet
- ⊙ 09 USB
- ⊙ 10 Parallel Port
- ⊙ 11 Power Switch
- ⊙ 12 AC-inlet

## Dimension diagram



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