

# PPC-0801

## 8.4" Industrial Panel PC



### Features

- 8.4" high-brightness TFT LCD, with resistive touch screen and one touch pen
- Brushed high-strength al-alloy plate, attractive appearance and elegant shape
- Onboard AMD Geode™ LX800 500MHz CPU
- Supports 1 x SO-DIMM, up to 1GB DDR266/333/4001 x 2.5" laptop hard disk
- Supports 2 x USB2.0, 3 x COM, 2 x LAN, 1 x VGA, 3 x Audio, 1 x PS/2



### Specifications

#### Display Features

Display Screen	8.4" high-brightness TFT LCD, optional tempered glass
Display Chipset	AMD LX800 integrated graphics controller
Resolution	Up to 800 x 600@18bit
Brightness	450cd/m2@7.5mA
Viewing Angle	120° (H)/100° (V)
Support Color	Native 262K(RGB 6-bits) colors
Contrast Ratio	500:1
Response Time	15ms
Backlight MTBF	50000 hrs
Touch Screen	Resistive touch screen(RS-232 interface) with one touch pen

#### System

SBC Model	ECS -1641CLD2NA
Processor	Onboard AMD LX800 500MHz CPU(compatible with LX700)
Chipset	AMD Geode™ CS536
Memory	Onboard 1 x SO-DIMM slot, available DDR333 256MB, up to 1GB DDR266/333/400
Hardware Monitor	Monitors CPU temperature, voltage and watchdog timer, etc.
Watchdog Timer	Software programmable supports 1~255 sec./min. timer system reset/interrupt
Storage	1 x 40GB 2.5" laptop harddisk, 80G(optional), 1 x CompactFlash Socket Type I/II (reserved)

#### Ethernet

Chipset	MICREL KSZ8842, supporting two Ethernet output
Speed	10/100Mbps
Connector	2 x RJ45

#### I/O Interface

USB	2 x USB2.0 port
Serial Port	2 x RS-232/422/485, 2 x RS-232(1 x RS-232 reserved for touch screen), available interface of 3 x DB9
KB/MS	1 x PS/2 port (KB/MS)
VGA	1 x VGA port
Audio	AC'97, available interfaces of MIC-in, Speaker-out and Line-in
Switch	1 x Power Switch

#### Mechanical and Environmental

Dimensions	244.00mm(W) x 183.00mm(H) x 67.90mm(D)
Weight	2.98/4.32Kg
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Operating Humidity	5%-90%, non-condensing

#### Power

Power Supply	60W AC adapter power supply
Power Consumption	Typical 10.7W(AMD Geode™ LX800 CPU, 256MB memory)

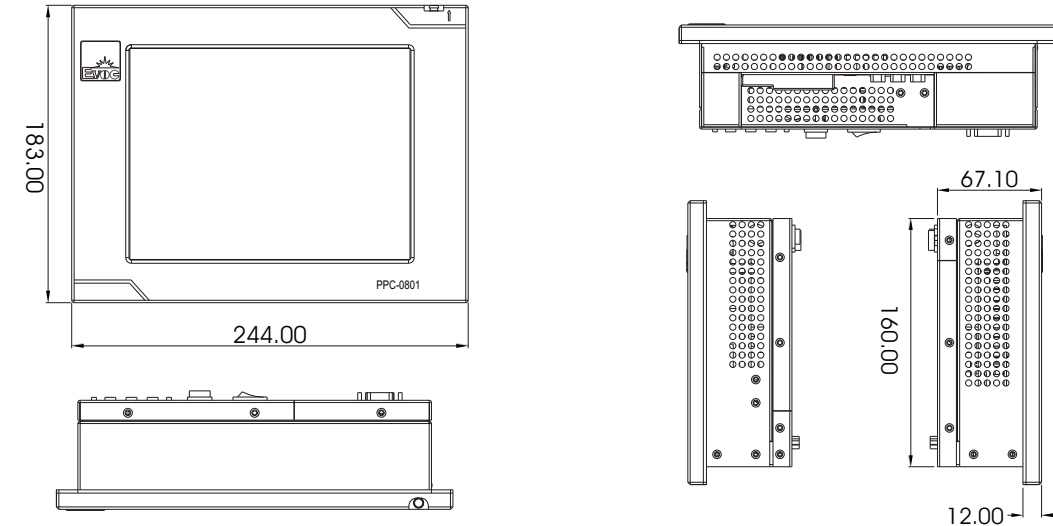
#### Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE

#### Test

Vibration	5-19Hz/1.0mm amplitude, 19-200Hz/1.0g acceleration
Shock	10g peak acceleration(11ms duration)
EMC/EMI	GB9254-1998 class A
Certification	RoHS

### Dimensions



### Available Accessories

Part Number	Name	Description	Qty.
	Driver CD/Protective film/RoHS	ECS-1641CLD2NA	1
	User's Manual/RoHS	PPC-0801	1
	User's Manual/RoHS	ECS-1641CLD2NA	1
	Setup Guide/RoHS	AMI/BIOS Setup Guide (for Core/8)	1
2360-003671	AC power cable/RoHS	Length: 1500mm/USA standard/821	1
2360-005031	Y-cable for keyboard and mouse/RoHS	One Mini-DIN port to two PS/2 ports, length: 250mm/RoHS	1
2330-000041	Jumper/RoHS	2.54mm pitch, blue	6
2401-000201	Accessories box/RoHS	370x155x40/250g+w9	1

### Ordering Information

Part Number	Model Number	Description
0010-004991	PPC-0801/touch screen	Panel PC (Complete PC)/RoHS: AMD LX800/256M/40G/ECS-1641CLD2NA /6~30V input/PPC-0801/touch screen
0010-005051	PPC-0801/touch screen/80G	Panel PC (Complete PC)/RoHS: AMD LX800/256M/80G/ECS-1641CLD2NA /6~30V input/PPC-0801/touch screen
0010-005021	PPC-0801/tempered glass	Panel PC (Complete PC)/RoHS: AMD LX800/256M/40G/ECS-1641CLD2NA /6~30V input/PPC-0801/tempered glass
0010-005041	PPC-0801/tempered glass/80G	Panel PC (Complete PC)/RoHS: AMD LX800/256M/80G/ECS-1641CLD2NA /6~30V input/PPC-0801/tempered glass
0020-032001	PPC-0801/tempered glass/no power supply/no backplane	Panel PC (empty)/RoHS: PPC-0801/tempered glass/no power supply/no backplane
0020-033821	PPC-0801/no power supply/no backplane	Panel PC (empty)/RoHS: PPC-0801/no power supply/no backplane
0020-031991	PPC-0801RX/no power supply/no backplane	Panel PC (empty)/RoHS: PPC-0801RX/no power supply/no backplane