

PPC-1205

12" Industrial Panel PC



Features

- 12" TFT LCD, with resistive touch screen /PPC-1205H high-brightness 400cd/m²
- Brushed high-strength al-alloy plate, hard anodic oxidation, attractive appearance and elegant shape
- Onboard Celeron® M CPU, with stable and reliable performance
- Supports 2 x 184-pin DDR DIMM, up to 1GB DDR200/266
- Supports 2 x USB2.0, 3 x COM, 1 x LPT, 1 x LAN, 1 x TV-OUT

Specifications

Display Features

Display Screen	12" high-brightness TFT LCD ,optional tempered glass
Display Chipset	Intel® 852GM integrated graphics acceleration controller
Resolution	800 x 600@18bit
Brightness	400cd/m2@7.5mA
Viewing Angle	140° (H)/110° (V)
Support Color	Native 262K(RGB 6-bits) colors
Contrast Ratio	500:1, 600:1(optional)
Response Time	15ms
Backlight MTBF	50000 hrs
Touch Screen	Optional touch screen(RS-232 interface)

System

SBC Model	EC5-1714CLDNA
Processor	Supports Intel® 400MHz FSB ULV Celeron® M 600MHz processor, optional 800MHz and 1.5GHz
Chipset	Intel® 852GM+ICH4
Memory	Supports 2 x 184-pin DIMM, up to 1GB DDR200/266 memory
Hardware Monitor	Monitors CPU temperature, voltage and watchdog timer, etc.
Watchdog Timer	Software programmable supports 1~255 sec./min. timer system reset/interrupt
Expansion Interface	1 x PICMG PCI, expandable to 2 x PCI(optional expansion box)
Storage	1 x 80GB 2.5" laptop harddisk, 1 x CompactFlash Socket Type I/II (optional), 1 x DOC interface(reserved)

Ethernet

Chipset	Intel® EP82562ET
Speed	10/100Mbps
Connector	1 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
Parallel Port	1 x LPT interface
KB/MS	1 x PS/2 port (KB/MS)
TV-OUT	1 x TV-OUT port
VGA	1 x VGA port
Audio	AC'97, available interfaces of Speaker-out, Line-in on the rear panel
Switch	1 x Power Switch

Mechanical and Environmental

Dimensions	266.00mm(W) x 345.00mm(H) x 105.12mm(D)
Weight	6.3/8.64Kg
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h
Safety	GB4943
Operating Temperature	-15°C~55°C
Storage Temperature	-40°C~60°C
Operating Humidity	20%~93%, non-condensing

Power

Power Supply	90W AC power supply adapter
Power Consumption	N/A

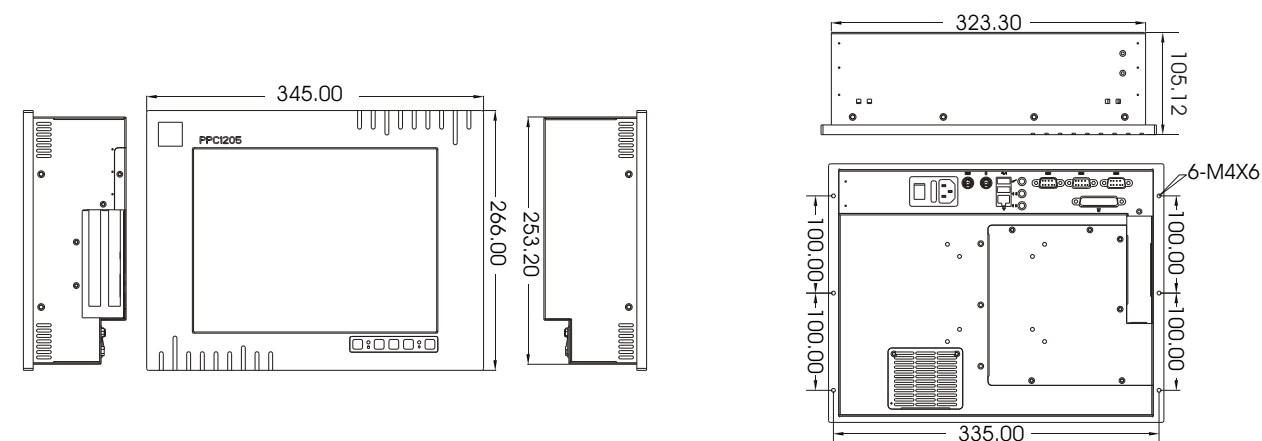
Operating System

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

Test

Vibration	5-17Hz/1.0mm amplitude, 17-200Hz/1.0g acceleration
Shock	10g peak acceleration(11ms duration)
EMC/EMI	GB9254-1998 class A

Dimensions



Available Accessories

Part Number	Name	Description	Qty.
	Setup Guide/RoHS	AMI BIOS Setup Guide (for Core/8)	1
	Driver CD/Protective film/RoHS	EC5-1714CLDNA	1
	User's Manual/RoHS	PPC-1205	1
	User's Manual/RoHS	EC5-1714CLDNA	1
2360-005371	AC power cable/RoHS	Length: 1500mm/USA standard elbow/8205YD	1
1479-002111	Mounting bracket/1205/RoHS	Blank/50x35x1.2	4
2391-000551	Screw/RoHS	Truss head M3x10/MPW3x10-Ni/GB9074.1-88	5
2391-000601	Screw/RoHS	Truss head M3x5/MPW3x5-Ni/GB9074.1-88	4
2330-000041	Jumper/RoHS	2.54mm pitch, blue	1

Ordering Information

Part Number	Model Number	Description
0010-005331	PPC-1205-1.5G/tempered glass	Panel PC (Complete PC)/RoHS: Celeron-M 1.5G 1M/256M/80G/EC5-1714CLDNA-CM1.5G/12V DC input/PPC-1205/tempered glass
0010-005291	PPC-1205-1.5G/normal touch screen	Panel PC (Complete PC)/RoHS: Celeron-M 1.5G 1M/256M/80G/EC5-1714CLDNA-CM1.5G/12V DC input/PPC-1205/normal touch screen
0010-005321	PPC-1205/tempered glass	Panel PC (Complete PC)/RoHS: Celeron-M 600M/256M/80G/EC5-1714CLDNA/12V DC input/PPC-1205/tempered glass
0010-005281	PPC-1205/normal touch screen	Panel PC (Complete PC)/RoHS: Celeron-M 600M/256M/80G/EC5-1714CLDNA/12V DC input/PPC-1205/normal touch screen
0010-005311	PPC-1205H-1.5G/high-brightness touch screen	Panel PC (Complete PC)/RoHS: Celeron-M 1.5G/256M/80G/EC5-1714CLDNA-CM1.5G/12V DC input/PPC-1205/high-brightness touch screen
0010-005301	PPC-1205H/high-brightness touch screen	Panel PC (Complete PC)/RoHS: Celeron-M 600M/256M/80G/EC5-1714CLDNA/12V DC input/PPC-1205/high-brightness touch screen
0020-011651	PPC-1205-1.5G/normal touch screen/no power supply/no backplane	Panel PC (empty)/RoHS: Celeron-M 1.5G/PPC-1205/normal touch screen/no power supply/no backplane
0020-011691	PPC-1205-1.5G/no power supply/no backplane/tempered glass	Panel PC (empty)/RoHS: Celeron-M 1.5G/PPC-1205/no power supply/no backplane/tempered glass
0020-011641	PPC-1205/normal touch screen/no power supply/no backplane	Panel PC (empty)/RoHS: PPC-1205/no power supply/no backplane/normal touch screen
0020-011681	PPC-1205/no power supply/no backplane/tempered glass	Panel PC (empty)/RoHS: PPC-1205/no power supply/no backplane/tempered glass
0020-011671	PPC-1205H-1.5G/high-brightness touch screen/no power supply/no backplane	Panel PC (empty)/RoHS: Celeron-M 1.5G/PPC-1205/high-brightness touch screen/no power supply/no backplane
0020-011661	PPC-1205H/high-brightness touch screen/no power supply/no backplane	Panel PC (empty)/RoHS: PPC-1205/high-brightness touch screen/no power supply/no backplane