

PPC-1123

Image not found
<https://www.emacinc.com/sites/default/files/PPC-1123%20Panel%20Front-web-opt.png>

PPC-1123 Panel Front

https://www.emacinc.com/sites/default/files/PPC_1123%20IO-web-opt.png

PPC-1123 IO View

12.1" XGA HMI Touch Panel PC

Onboard Intel® Atom™ D2550 1.86 GHz

Up to 4 GB DDR3 800/1066 RAM Inside

3x S-232 x 3, 1x RS-232/422/485

2.5 Inch SATA Hard Disk Drive / CFast™ Slot (Internal)

4x USB 2.0 Ports

2x 10/100/1000Base-TX with RJ-45

1x Mini-Card

LCD Display Type: 12.1" TFT-LCD

Max. Resolution: 1024 x 768

Max. Colors: 16.2M colors

Luminance: 500 cd/m2

Viewing Angle: 160°(H), 160°(V)

Back Light: LED

Back Light MTBF Hours: 50,000

Touchscreen Type: 5-wire Analog Resistive

Light Transmission: >80%

Life Time: 10 Million Times/Activations

1x VGA

1x Power button

Power Requirements: 12V DC input, w/3-pin terminal block

Operating Temperature: 32°F ~ 131°F (0°C ~ 55°C) w/ Airflow & 32°F ~ 122°F (0°C ~ 50°C) w/o Airflow

Storage Temperature: -4°F ~ 158°F (-20°C ~ 70°C)

Storage Humidity: 10%~95% @40°C; non-condensing

Gross Weight: 10.1 lb (4.6 kg)

Dimensions: 12.5"(W) x 9.6"(H) x 2.5"(D) (317mm x 243mm x 63.5mm)

The PPC-1123 operator panel is an Intel® Atom™ D2550 1.86 GHz processor computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 12.1" color TFT LCD display, onboard Ethernet controller, multi-COM port interfaces and an audio controller. With a built-in CFast™ socket, the PPC-1123 is as compact and user friendly as a multi-function computer. In addition, its "fit anywhere" design makes it very flexible and able to be used in many different kinds of installations. It can be Panel/ VESA 100 mounted. For system integrators, this simple, complete, compact and highly integrated system let you easily build an operator panel into your applications. Common industrial applications include factory automation systems, precision machinery, and production process control. It is also suitable for many non-industrial applications, including vending machine, and car park automation. Our operator panel is a reliable, cost effective solution to your application's processing requirements.

Specifications
Panel PC Type:

Enclosed PPC
Processor
Processor:

Intel® Atom™ D2550 Onboard

Clock Speed:

1.86 GHz

Real Time Clock:

Memory
BIOS/ Bootloader:

AMI

Primary I/O
Video Out:

12.1" XGA HMI XGA TFT LCD Touch Panel PC

Ethernet:

2x 10/100/1000Base-TX with RJ-45

USB:

4x USB 2.0 Ports

Serial Ports:

3x S-232 x 3

1x RS-232/422/485

Watchdog:

Secondary I/O
LPT Port:

Keypad:

PS/2:

Touch:

5-wire Analog Resistive Touch Screen

Expansion
Bus:

1x Mini-Card

Analog
A/D:

D/A:

Dimensions
Weight:

10.1 lb

Dimensions Misc.:

Dimensions: 12.5"(W) x 9.6"(H) x 2.5"(D) (317mm x 243mm x 63.5mm)

Power Requirements

Voltage:

12 V

Power Misc.:

Power Requirements: 12V DC input, w/3-pin terminal block

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

55 C

Upper Operating Humidity:

95%

Environmental Misc.:

Operating Temperature: 32°F ~ 131°F (0°C ~ 55°C) w/ Airflow & 32°F ~ 122°F (0°C ~ 50°C) w/o Airflow

Storage Temperature: -4°F ~ 158°F (-20°C ~ 70°C)

Storage Humidity: 10%~95% @40°C; non-condensing

Pricing

Product Variations:

PPC-1123HTT-A1-1010

12.1" HMI w/Atom D2550, 2GB RAM, Fanless, DC 12V R-TS

\$978.31

Order:

0

Parent Product:

Disk Interface:

2.5 Inch SATA Hard Disk Drive / CFast™ Slot (Internal)

Source URL: <https://www.emacinc.com/content/ppc-1123>