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

PRC-11123d

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12.1" XGA HMI Touch Panel PC

Onboard Intel® AtomTM 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 / CFastTM 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: $32^{\circ}F \sim 131^{\circ}F$ ($0^{\circ}C \sim 55^{\circ}C$) w/ Airflow & $32^{\circ}F \sim 122^{\circ}F$ ($0^{\circ}C \sim 50^{\circ}C$) w/o Airflow

Storage Temperature: $-4^{\circ}F \sim 158^{\circ}F (-20^{\circ}C \sim 70^{\circ}C)$

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® AtomTM 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 CFastTM 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 affactive solution to your application's processing requirements. Specifications Paner 1 C 1 ype. England DDC Processor Intel® AtomTM D2550 Onboard Clock Speed: 1.86 GHz Real Time Clock: Memory
Bios/ boolloader: AMI Viuco Out. 12.1" XGA HMI XGA TFT LCD Touch Panel PC Ethernet:

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

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

5-wire Analog Resistive Touch Screen

USB:

4x USB 2.0 Ports Serial Ports: 3x S-232 x 3

1x RS-232/422/485

Ll Secondary I/O

Watchdog:

Keypad: PS/2: Touch:

Expansion
Bus.

1x Mini-Card

Analog Aص

Weight.

Dimensions Misc.:

D/A:

10.1 lb

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: $32^{\circ}F \sim 131^{\circ}F$ ($0^{\circ}C \sim 55^{\circ}C$) w/ Airflow & $32^{\circ}F \sim 122^{\circ}F$ ($0^{\circ}C \sim 50^{\circ}C$) 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)
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Dimensions: 12.5"(W) x 9.6"(H) x 2.5"(D) (317mm x 243mm x 63.5mm)