

PPC-2173 Rugged 17" Panel PC

 PPC-2173 Front View <https://www.emacinc.com/sites/default/files/PPC-2173%20Front-web-opt.png>

 PPC-2173 IO View <https://www.emacinc.com/sites/default/files/PPC-2173%20IO-web-opt.png>

17" SXGA (1280 x 1024) TFT LCD Display

IP65 Aluminum Die Cast Front Bezel

Intel® Atom™ D2550, 1.86 GHz onboard

Up to 4 GB (2 GB Inside)

2x RS-232 / 1x RS-232/422/485

2x USB 2.0 Ports

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

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

1x Mini-PCIe

1x VGA

5-wire Resistive Touch Screen

Max. Resolution: 1280 x 1024

Max. Colors: 16.7M colors

Luminance: 350 cd/m2

Viewing Angle: 170°(H), 160°(V)

Back Light: LED

Back Light MTBF (Hours) 50,000

Light Transmission: 80%

Life Time: 10 Million Touch

Watchdog Timer

Rugged HMI Touch Panel Solutions

Fanless System

Aluminum Die Cast Front Bezel

Operating Temperature: -4°F ~ 140°F (-10°C ~ 60°C) w/ Airflow & -4°F ~ 131°F (-10°C ~ 55°C) w/o Airflow

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

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

Power Requirements: 9~30V DC input, w/3-pin terminal block

Gross Weight 18.7 lb (8.5 kg)

Dimension 16.56”(W) x 14.08”(H) x 2.87”(D) (420mm x 358mm x 73mm)

The PPC-2173 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 17" color TFT LCD display, onboard Ethernet controller, multi-COM port interfaces and an audio controller. With a built-in CFast™ socket, the PPC-2173 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/ wall 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

Clock Speed:

1.86 GHz

Real Time Clock:

Memory

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

CFAST

Secondary Flash:

1x 2.5 inch SATA HDD/SSD or DOM

Primary I/O

Video Out:

1x VGA

Ethernet:

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

USB:

2x USB 2.0 Ports

Serial Ports:

2x RS-232 / 1x RS-232/422/485

Watchdog:

Secondary I/O

LAN Port:

Keypad:

PS/2:

Touch:

5-wire Resistive Touch Screen

Expansion

Bus:

1x Mini-PCle	
Analog A/D	
D/A:	
Dimensions Dimensions	
16.56 × 14.08 × 2.87 in	
Weight:	
18.7 lb	
Dimensions Misc.:	
Dimension 16.56”(W) x 14.08”(H) x 2.87”(D) (420mm x 358mm x 73mm)	
Power Requirements Power Misc.	
DC input 9~30V DC input w/3-pin terminal block	
Environmental Low Operating Temperature:	
-10 C	
High Operating Temperature:	
60 C	
Upper Operating Humidity:	
95%	
Environmental Misc.:	
Operating Temperature	
-4°F ~ 140°F (-10°C ~ 60°C) w/ Airflow	
-4°F ~ 131°F (-10°C ~ 55°C) w/o Airflow	
Storage Humidity: 10%~95% @40°C; non-condensing	
Pricing Product Variations:	
PPC-2173HTT-A1-1011	
17" Rugged Fanless Touch Panel with Atom D2550 1.86GHz Onboard 2G RAM	
\$1,138.55	
Order:	
0	
Parent Product:	
Disk Interface:	
2.5 Inch SATA Hard Disk Driver / CFast™ Slot (Internal)	

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