

PPC-2155 TFT LCD LED 15.6" HMI Touch

Image not found
<https://www.emacinc.com/sites/default/files/PPC-2155%20Panel%20Front-web-opt.png>

PPC-2155 Front Panel View



15.6" TFT LCD LED Expandable HMI Touch Panel

Intel® Celeron® J1900 2 GHz / N2807 1.58 GHz

Up to 8GB DDR3L 1333MHz (J1900) / Up to 4GB (N2807)

1x RS-232/422/485

1x USB 3.0 Port, 3x USB 2.0 Ports

1x HDMI, 1x VGA

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

1x 2.5 Inch SATA 2.5 HDD Bay, 1x CFast™

2x Mini card (Full Size)

15.6" TFT LCD LED Expandable HMI with 5-Wireless Resistive Touch

LCD Display type: 15.6" TFT-LCD, LED backlight

Max Resolution: 1366 x 768

Max. Colors: 16.7M colors (8-bit for R,G,B)

Luminance: 400 cd/m2

Viewing Angle: 160°(H), 140°(V)

Back Light MTBF Hours: 50,000

Touchscreen Type: P-CAP / 5-Wireless resistive

1x Audio Mic-in Line-out

AMI BIOS

Watchdog Timer

Operating Temperature: -20°C~60°C with industrial grade device (with 0.5 m/s air flow, according to IEC68-2-14, CPU: N2807)

-20°C~55°C with industrial grade device (with 0.5 m/s air flow, according to IEC68-2-14, CPU: J1900)

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

Operating Humidity: 90% @ 40°C, non-condensing

Power Requirement: DC 9 ~ 30 V

Gross Weight: 3 kg (6.6 lb)

Dimensions: (W x H x D): 420 x 265 x 60 mm (16.5 x 10.4 x 2.4")

With growing up in Multi-Touch technology, the PPC-1581 features Intel 4th Generation Core i3-4010U 1.7GHz processor with 4GB DDR3L SDRAM provides the high computing performance. To enhance reliability and durability, built-in 7H hardness anti-scratch surface on high resolution 15.6" HD display with Multi-Touch in 16:9 format. Through the Mini-PCIe slot, The Manufacturer's iDoor technology can provide more I/O connectors, Isolated Digital IO, the Fieldbus Protocol, 3G/GPS/GPRS/WiFi Communication and MRAM. A 2nd monitor and speaker can be attached via the integrated HDMI and Audio port.

Specifications

Panel PC Type:

Enclosed PPC

Processor

Processor:

Intel® Celeron® J1900 2 GHz / N2807 1.58 GHz

Clock Speed:

2 GHz

Real Time Clock:

Processor Misc.:

Intel® Celeron® J1900 2 GHz

Intel® Celeron® N2807 1.58 GHz

Memory

RAM Type:

Up to 8GB DDR3L 1333MHz (J1900) / Up to 4GB (N2807)

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

CFAST

Secondary Flash:

1x 2.5 inch SATA HDD/SSD or DOM

Primary I/O

Video Out:

1x HDMI

1x VGA

Audio:

1x Audio Mic-in Line-out

Ethernet:

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

USB:

1x USB 3.0 Port

3x USB 2.0 Ports

Serial Ports:

1x RS-232/422/485

Watchdog:

Secondary I/O
L1 Port.

Keypad:

PS/2:

Touch:

15.6" TFT LCD LED with 5-Wireless Resistive Touch

Expansion
Bus.

2x Mini card (Full Size)

Bus Misc.:

OMNI Slot for OMNI expansion Modules

Analog
A/D.

D/A:

Dimensions
Dimensions.

16.5 × 10.4 × 2.4 in

Weight:

6.6 lb

Dimensions Misc.:

Dimension (mm) 420 mm x 265 mm x 60 mm

Power Requirements
Power Misc..

Power Requirement: DC 9 ~ 30 V

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

60 C

Upper Operating Humidity:

90%

Environmental Misc.:

Operating Temperature: -20°C~60°C with industrial grade device (with 0.5 m/s air flow, according to IEC68-2-14, CPU: N2807)

-20°C~55°C with industrial grade device (with 0.5 m/s air flow, according to IEC68-2-14, CPU: J1900)

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

Operating Humidity: 90% @ 40°C, non-condensing

Pricing
Product variations:

PPC-2155HTT-A1-1010

OMNI-2155 A1, 15” HMI, J1900, 1xCOM, 1xUSB3, 3xUSB2, 2xGbL, 2xPCIe/wSIM, R-TS

\$962.67

Order:

0

Parent Product:

PPC-2155HTT-A2-1010

OMNI-2155 A2, 15” HMI, N2807, 1xCOM, 1xUSB3, 3xUSB2, 2xGbL, 2xPCIe/wSIM, R-TS

\$932.00

Order:

0

Parent Product:

PPC-2155HTT-A3-1010

OMNI-2155 A3, 15” HMI, J1900, 1xCOM, 1xUSB3, 3xUSB2, 2xGbL, 2xPCIe/wSIM, P-CAP

\$1,100.00

Order:

0

Parent Product:

PPC-2155HTT-A4-1010

OMNI-2155 A4, 15” HMI, N2807, 1xCOM, 1xUSB3, 3xUSB2, 2xGbL, 2xPCIe/wSIM, P-CAP

\$1,068.00

Order:

0

Parent Product:

Disk Interface:

1x 2.5 Inch SATA 2.5 HDD Bay

1x CFast™

Source URL: <https://www.emacinc.com/content/ppc-2155-tft-lcd-led-156-hmi-touch>