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PPC-1154 XGA HMI 15" Touch Panel

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PPC-1154 Panel Front View
PPC-1154 IO View
15” XGA HMI Touch Panel PC

Intel® Celeron® J1900 ,2 GHz / N2807, 1.58 GHz

Up to 8GB DDR3L 1333MHz (J1900), Up to 4GB DDR3L 1333MHZ (N2807), Default 2GB RAM Inside

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

1x SATA 2.5 Inch HDD Bay / CFast Socket

1x USB 3.0 Port, 3x USB 2.0 Ports

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

2x Mini card (Full Size / Half Size)

1x VGA

Plastic IP 65 Front Bezel Design

LCD Display type: 15.1" TFT-LCD, LED backlight

Max Resolution: 1024 x 768

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

Luminance: 450 cd/m2

Viewing Angle: 160°(H), 140°(V)

Back Light MTBF Hour: 100,000

Touchscreen Type: 5-wire Resistive Touch

Operating Temperature: -10°C ~ 60°C with 0.5 m/s airflow (N2807) & -10°C ~ 50°C with 0.5 m/s airflow (J1900)

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

Storage Humidity: 90% @40°C; non-condensing

1x Power button

AMI BIOS

Power Requirements: DC 12V; DC 9 ~ 30 V

Gross Weight 6.8 kg

Dimension (mm) 407 x 310.5 x 58.3

Powered by Intel® Celeron® J1900 2GHz and N2807 1.58GHz processors, the PPC-1154 is a operator panel computer designed to serve as a human machine interface (HMI). It is a PC-based system with a 15" color TFT LCD display, onboard Ethernet controller, and multi-COM port interfaces. With a built-in CFast socket, the PPC-1154 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 VESA 75/100 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® Celeron® J1900 (2 GHz) / N2807 (1.58 GHZ)

Clock Speed:

2 GHz

Real Time Clock:

Memory

RAM Type:

Up to 8GB DDR3L (J1900) / Up to 4GB DDR3L (N2807) / Default 2GB RAM Inside

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

CFAST

Secondary Flash:

1x 2.5 inch SATA HDD/SSD or DOM

Primary I/O

Video Out:

15.1 Inch TFT-LCD

LED

Ethernet:

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

USB:

1x USB 3.0 Port

3x USB 2.0 Ports

Serial Ports:

2x RS-485/422/232

2x RS-232

Watchdog:

Secondary I/O

LPT Port:

Keypad:

PS/2:

Touch:

5-wire Analog Resistive Touch

Expansion

Bus:

2x Mini card (Full Size / Half Size)

Analog

A/D:
D/A:

Dimensions

Dimensions:
16.02 × 12.22 × 2.3 in
Weight:
6.8 kg
Dimensions Misc.:
Dimension (mm) 407 x 310.5 x 58.3

Power Requirements

Power Misc.:
Power Requirements: DC 12V; DC 9 ~ 30 V

Environmental

Low Operating Temperature:
-10 C
High Operating Temperature:
60 C
Upper Operating Humidity:
90%
Environmental Misc.:
Operating Temperature: -10°C ~ 60°C with 0.5 m/s airflow (N2807) & -10°C ~ 50°C with 0.5 m/s airflow (J1900)

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

Storage Humidity: 90% @40°C; non-condensing

Pricing

Product Variations:
PPC-1154HTT-A1-1010
15" LED Backlight, J1900 2.0GHz, 2GB RAM, 3 pin 9~30V DC R-TS
$1,042.17
Order:
0
Parent Product:

PPC-1154HTT-A2-1010
15" LED Backlight, J1900 2.0GHz, 2GB RAM, 3 pin 12V DC R-TS
$1,003.61
Order:
0
Parent Product:

PPC-1154HTT-A3-1010
15" LED Backlight, N2807 1.58GHz, 2GB RAM, 3 pin 9~30V D. R-TS
$1,010.84
Order:
0

Parent Product:

PPC-1154HTT-A4-1010
15" LED Backlight, N2807 1.58GHz, 2GB RAM, 3 pin 12V DC R-TS
$971.08
Order:
0
Parent Product:

Disk Interface:
1x SATA 2.5 Inch HDD Bay / CFast Socket

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