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PPC-4150W



15.6" TFT WXGA LED entirely flat panel with Projected capacitive touchscreen

Fanless design and low power consumption

1x SODIMM socket for DDR3 1066 memory up to 4 GB

Supports one internal SATA 2.5" HDD and 1 x mSATA socket

1 x PCIe or 1 x PCI and 1x mini-PCIe expansion support

4x RS232 serial ports, 1x Serial port selectable as RS-232/422/485 through BIOS

Automatic data flow control over RS-485

5x USB 2.0 ports

Wide Range DC 12~30V support

Front panel compliant with IP65

The PPC-4150W is a new generation Panel PC with 15.6 inch wide screen and Projected Capacitive Multi finger touch screen. The new technology brings an intuitive experience and customers can design software to enhance the displays safety protection. With an entirely flat touch screen it is easy and convenient to clean and use. Equipped with an Intel Atom processor D2550, the fanless design become practical and makes PPC-4150W more reliable in harsh environments. In addition, the dual GbE LAN, 4 x serial ports, 5 x USB ports, and GPIO connector make it easier to connect to devices and be integrated into machines.

Specifications

Panel PC Type:

Enclosed PPC

Processor

Processor:

Intel Atom D2550 10W Dual Core CPU on board

Clock Speed:

1.86 GHz
Real Time Clock:

Memory

RAM Type:
SODIMM x 1 DDR3 1066
Primary Flash:
mSATA
Secondary Flash:
2.5 Inch SATA HDD or SSD

Primary I/O

GPIO:
1 x DB9 GPIO port (8 pin programable)
Video Out:
1 x DB15 VGA
Audio:
1 x Line-out
1x MIC-in
Ethernet:
2 x 10/100/1000 Mbps
USB:
5 x USB 2.0 ports (4 in Rear
1 from right side)
Serial Ports:
4 x Serial ports: 3 x RS-232
1x RS-232
422
485 (Adjustable through BIOS)
Watchdog:

Secondary I/O

Timers/ Counters/ PWM:
255 time levels; setup by software
LPT Port:
Keypad:
PS/2:
Touch:
Projected Capacitive 4 point Multitouch

Analog on

A/D:
D/A:

Dimensions

Dimensions:
419.7 × 269 × 59 in
Weight:
5.5 kg

Environmental nents

Low Operating Temperature:
0 C
High Operating Temperature:
50 C
Upper Operating Humidity:
95%
Environmental Misc.:

Shock Operating: 10G peak acceleration (11ms duration), follow IEC 60068-2-27

Vibration: Operating Random Vibration Test 5~500Hz, 1Grms, follow IEC 60068-2-64

EMC: BSMI, CE, FCC Class B

CB, CCC, BSMI, UL

Pricing

Product Variations:

PPC-4150W-P2GAE

15.6 Wide screen Ppc with PCT Multi-touch, Intel Atom D2550 1.86GHz, 2G DDR3 pre-installed

$1,300.00

Order:

0

Parent Product:

PPC-4150W-P4GAE

15.6 Wide Screen PPC with PCT touch, Intel Atom D2550 1.86GHz, 4G DDR3 pre-installed

$1,352.00

Order:

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Parent Product:

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