

Wall Mount PPC-1500-Atom N270

15" Industrial Fanless Panel PC Specification

Features :

- 15" Industrial grade TFT XGA LCD Solution
- Embedded Intel Atom N270 (1.6Ghz /512K cache) low power Fanless processors
- DDR 2 DIMM x 1, Max. 2.0 GB
- Onboard Realtek 8111C 10/100/1000 giga Lan Ethernet x 2 (2nd Lan optional)
- Integrated 945GSE built in Intel Graphic media accelerator 950 graphic core, Supports CRT and TFT LCD display
- 8 x USB 2.0 ports
- 4 x COM ports (COM 2 can be configurable to RS422/485)
- 1 x printer port
- Watchdog timer
- Digital I/O (4 in/4 out)
- One PCI or PCI-E (x1) expansion (by request)
- Inverter board built in for TFT LCD panel
- DC12V single power input
- Aluminum front panel (6.0 mm) , metal housing meet industrial grade
- Size: 402 mm (W) x 302 mm (L) x 77 mm (H)
- RoHS Compliance
- Wireless Lan 802.11 b/g/n (optional)
- Speaker (Dual channels 5 watts per channel)
- Support wall mount bracket
- IP65 compliant water proof front panel
- Touch screen : 5 wires resistive touch



System Specification :

Form Factor

Mini itx Form factor

Processor

Intel Atom N270 1.6Ghz/512K cache FSB/ 533 Mhz Processor

System Chipset

Intel N270 + 945GSE + ICH7M

System Memory

DDR2 DIMM module x 1 , max. 2.0GB (Default 1.0GB)

BIOS

Award 8Mbit

Ethernet

Realtek 8111C 10/100/1000 giga Lan Ethernet x 2 (2nd Lan optional)

Audio

Realtek ALC 655 HD Audio , 5.1 channel

Serial

4 x RS-232 (COM2 can be configurable to RS-422/485)

USB

8 x USB 2.0

KB / Mouse Connector

2 x PS/2

Printer port

Parallel port for printer

Wall mount bracket

Supported

HDD

2.5 inch 40GB/80/160GB/320GB up or Compact flash 2.0GB/4.0GB/8.0GB up

OS Optional

Windows XP Professional / Embedded / WePOS/POS2009 Ready

Power Adapter

100V ~ 240V AC IN

Dimension

402 mm (W) x 302 mm (L) x 77 mm (H)

Temperature

Operating : 0 °C to 60 °C

Humidity

10% to 90% non condensing

LCD Panel Specification :

Viewable Size Image

15"

Active Display Area(mm)

304.128 (H) x 228.096 (V) mm

Pixel Pitch (mm)

0.297 (H) x 0.297 (V) mm

Pixels HxV

1024 (H) x 768 (V) pixels

Contrast Ratio

700:1 (typical.)

Display Color

16.2M/262K colors (RGB 6-bits)

Brightness (cd/m2)

350 (typical.)

Viewing Angle

Horizontal: 70°/70° (L/R) , Vertical 65°/60° (U/D)

Recommend Resolution

1024 x 768 @60Hz, 75Hz

Power source

AC 100~240 V, Universal,±10%

Power Consumption

6.9 W typical, normal operation

Power Management

VESA DPMS Compliant

Plug Play

VESA DDC 1/2B

Lamp life

50,000 hours

