

PNC08-01 EMBEDDED SOLUTIONS 8.4" LCD PANEL PC



PNC08-01

Application

POS/ KIOSK/ Industrial Control Solutions

Features



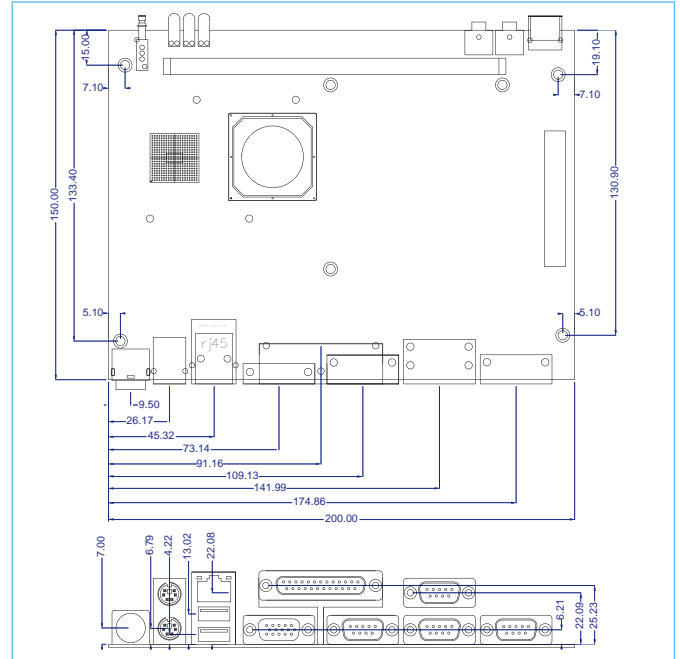
Ordering Information

- . PNC08-01-A 1 Realtek LAN, VIA V4 Eden ULV 1 GHz CPU
- . PNC08-01-B 1 Realtek LAN, C7 Nano-BGA2 400 pin L1 128 KB, L2 128 KB

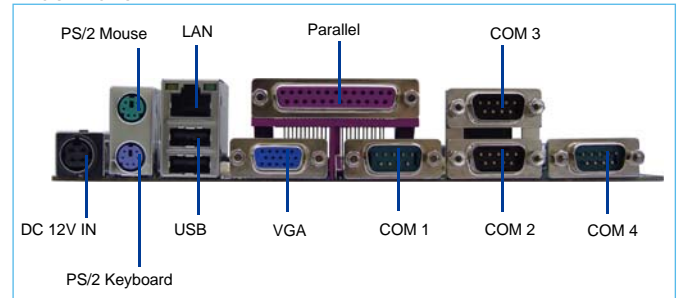
Specifications

- . CPU type VIA V4 bus processor Eden / ULV or C7 Nano-BGA2 400 pin L1 128 KB, L2 128 KB
- . Front Side Bus 400 / 533 MHz
- . MB Chipset VIA CN700 + VT8237R Plus
- . BIOS Award BIOS
- . Graphics Integrated with VIA CN700
Shared system memory up to 64 MB
- . LVDS Data format of 24 / 48 bits
- . Memory 1 x DDRII SDRAM DIMM slot (max. 1GB)
Support mixed 64 / 128 / 256 / 512 Mb
SDRAM in x8 or x16 configurations
- . IDE Ultra DMA-133 / 100 / 66
1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm
CF Card Type II socket for ATA interface
- . SATA 1 x SATA port
- . Audio AC-Link for Audio CODEC, AC'97 2.1
Support Line-out / Mic-in / Line-in
- . LAN 1 x Realtek 10 / 100 Mbps (optional Realtek / Intel GbE)
Intel 82541PI or Realtek RLT8100C / RLT8110SC LAN Chip
- . IO Function 5 x RS232 + 1 x RS232 / 422 / 485
IrDA 1.0 / ASKIR protocol
PS/2 keyboard & mouse
- . USB 7 x USB 2.0 (3 external + 4 internal)
- . Touch Screen USB interface Touch screen controller
Support 4- , 5- , 8- wire Analog Resistive Touch screen
USB 1.1 full speed sample rate maximum of 300 point / sec
Support all NTSC & PAL formats. Resolution : 1024 x 768
- . TV-OUT (option) Hardware digital Input & Output, 8 x DI / 8 x DO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Expansion interface 1 x Mini PCI socket
- . Power On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
- . Dimension 200 x 150 mm
- . Operation Temp. 0 ~ 60 °C
- . Operation Humidity 5~95% @ 60 °C, non-condensing

Dimension



Back Panel



Testing environment

- Model name : PNC08-01-A
- CPU : VIA V4 Eden ULV 1 GHz
- Chipset : VIA CN700 & VIA VT8237R PLUS
- OS : WIN XP
- Testing Program : 3D Mark 2001 SE

Fanless solution with CF card	
Chassis Temperature	
0°C	Pass
25°C	Pass
40°C	Pass

Fanless solution with 2.5" HDD	
Chassis Temperature	
0°C	Pass
25°C	Pass
40°C	Pass

Please upgrade the hard drive to industrial grade for better temperature performance.