



Features

- Fanless Industry Embedded platform
- Intel® Atom N270 1.6 GHz Processor, 533 MHz FSB
- Intel® 945GSE North & ICH 7-M South Bridge Chipset
- DDR 2 memory SODIMM, up to 2 GB w/o ECC
- Dual display DVI-I interface (DVI + VGA)
- Support CF, SATA, 4 COMs
- 1 LAN, 2 USB
- Optional DC 12V / 24V power input

Specifications

Fanless platform

- Low power, low operation temperature
- Fanless platform w/o active cooling part failure problem

Form Factor

- DIN rail Heavy-Duty Steel Embedded platform

Dimension

- Compact size 56.5(W) X 130(D) X 180(H) mm

Processor

- Support Intel® Atom N270 1.6 GHz low power Processor
- 437 pins package, 533 MHz FSB, 512KB L2 Cache

Chipset

- Intel® 945GSE North & ICH 7-M South Bridge Chipset

Memory

- 1 SODIMM Socket, up to 2 GB w/o ECC, 533 MHz DDR 2 Memory

BIOS

- AMI BIOS
- Support Power On After Power failure

Disk Drive Storage

- 1 channel SATA interface + 1 internal CF module slot

Ethernet

- 1 Realtek 8111 100/1000 Mbps LAN interface with Wake-On-LAN & DMI

Watchdog Timer

- Programmable WDT from 1 to 255 seconds

Display Function

- Support 24 bit DVI-I dual display interface which is able to support DVI + VGA (use DVI-I to DVI + VGA Y cable)

Keyboard & Mouse Connector

- Support PS/2 type Keyboard + Mouse interface (Optional support KB+Mouse Y type cable)

Hardware Monitor

- Monitors Voltage, Temperature

Support RTC & CMOS RAM

- Support Real Time Clock feature
- 256 bytes CMOS RAM built-in chipset

Audio

- ALC655 Codec support

RS-232 / 485 Support

- 1 DB-9 RS-232/485 and 3 DB-9 RS-232, optional support DC output

Front Panel Extend I/O

- Screw-Lock DC 12V power input, 2-pin connector
- 1 DB-9 for RS-232 / 485, 3 DB-9 for RS-232
- 1 DVI-I dual display interface (DVI + VGA)
- 1 Line-in, 1 Line-out, 1 Speaker out
- USB x 2, 1 RJ-45 100/1000 Mbit LAN connector
- 1 PS/2 KB+Mouse connector
- Power switch button

Internal I/O Interface

- 1 CF slot, 1 SATA storage interface
- Total up to 4 D-In, 4 D-Out internal connector
- 1 pin header Audio interface , Mic-in, Line-in , Line-out

Power Supply

- Optional DC 12V / 24V input

Power ON/OFF Mode

- AT or ATX Power ON/OFF mode

Environment

- Operation temperature: -20°C ~ 45°C
- Storage temperature: -20°C ~ 80°C
- Relative humidity: 10% ~ 90% (Non-condensing)

Certification

- CE Class A
- FCC Class A

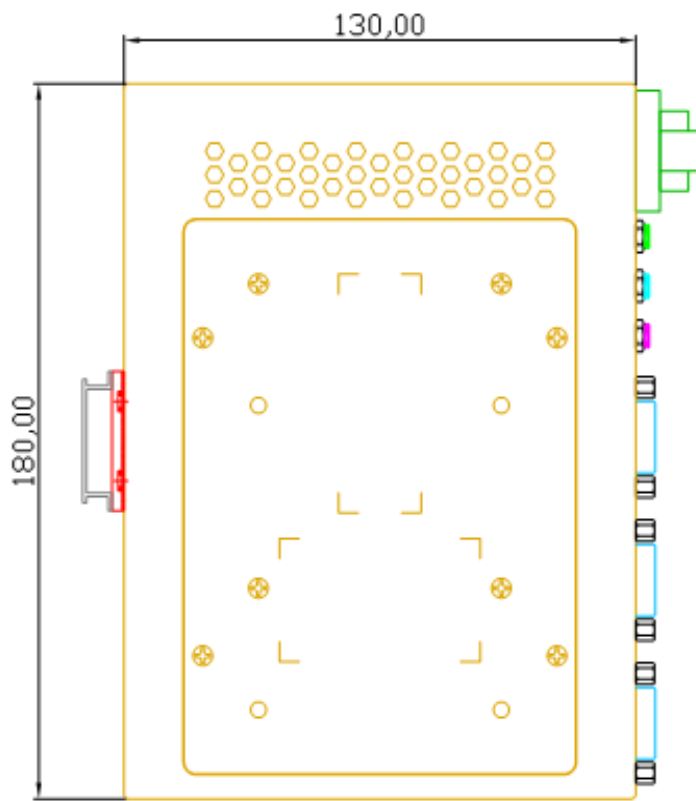
Ordering Guide

Specifications subject to change without notice

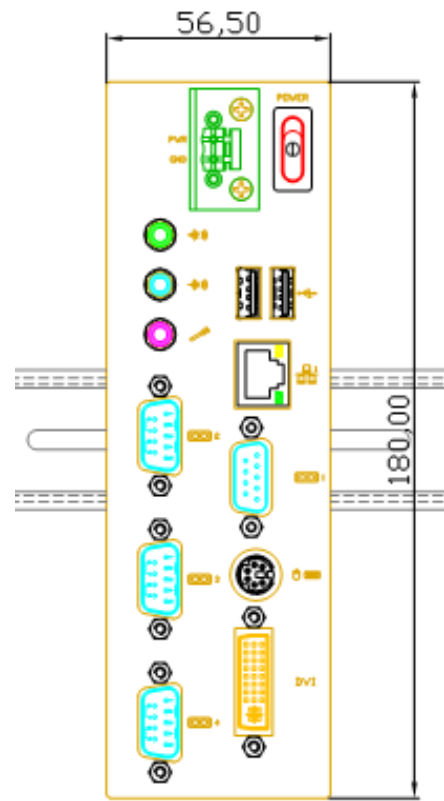
Ordering No.	CPU	Memory	COM	Storage I/F	Display I/F	LAN	Power input
Pipal 2200D-135	N270 1.6GHz	512 MB	232/485x1, 232x3	1 SATA, 1 CF	DVI-I	1 GE	DC 24V
Pipal 2200D-125	N270 1.6GHz	512 MB	232/485x1, 232x3	1 SATA, 1 CF	DVI-I	1 GE	DC 12V

• Optional order :

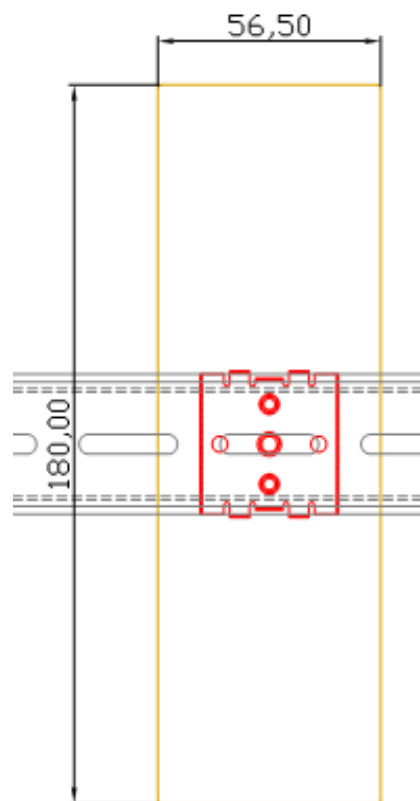
- 60W Power Adapter , HDD



LEFT VIEW



FRONT VIEW



REAR VIEW