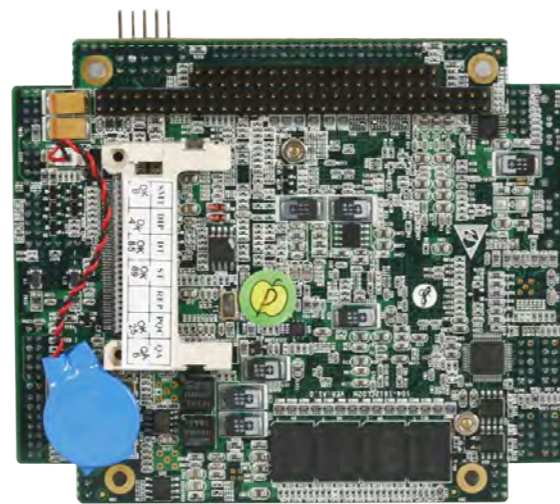
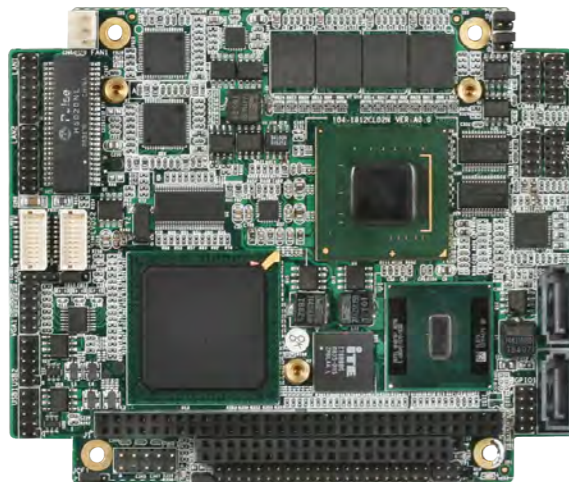


104-1812CLD2N

PC/104 Intel® Atom™ N270 SBC with VGA/2LVDS/CF/2LAN



Features

- Atom™ N270 1.6G/533MHz CPU
- Onboard 1G DDR2 memory
- Supports VGA/LVDS
- Supports 2 x 10/100/1000Mbps ethernet interface
- Supports 4 x USB2.0, 4 x COM
- Operating temperature: -40°C~85°C(optional)

Specifications

System

Processor	Onboard Intel® Atom™ N270 1.6G/533MHz CPU
Chipset	Intel® 945GSE + ICH7-M
Memory	Onboard 1G DDR2 memory
Hardware Monitor	N/A
Watchdog Timer	1-255 seconds or 1-255 minute
Expansion Interface	PC/104

Storage

IDE	1 x 44-pin IDE
Serial ATA	2 x SATA
Floppy	N/A
CF	1 x CF
DOC/DOM	N/A

I/O Interface

USB	4 x USB2.0 port
Serial Port	2 x RS-232, 2 x RS-422/RS-485
Parallel Port	N/A
IrDA	N/A
GPIO	8-bit digital I/O connector
Audio	N/A
Keyboard/Mouse	N/A

Display

Chipset	Intel® 945GSE chipset integrates video card
Memory	N/A
Resolution	VGA and dual-channel 36-bit LVDS display (single channel LVDS supports 18-bit)
Dual Display	VGA+LVDS

Ethernet

Chipset	RTL8111
Speed	10/100/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental

Dimensions	116mm x 96mm
Operating Temperature	0°C~60°C(optional -40°C~85°C)
Storage Temperature	-40°C~85°C
Operating Humidity	5%-90%, non-condensing

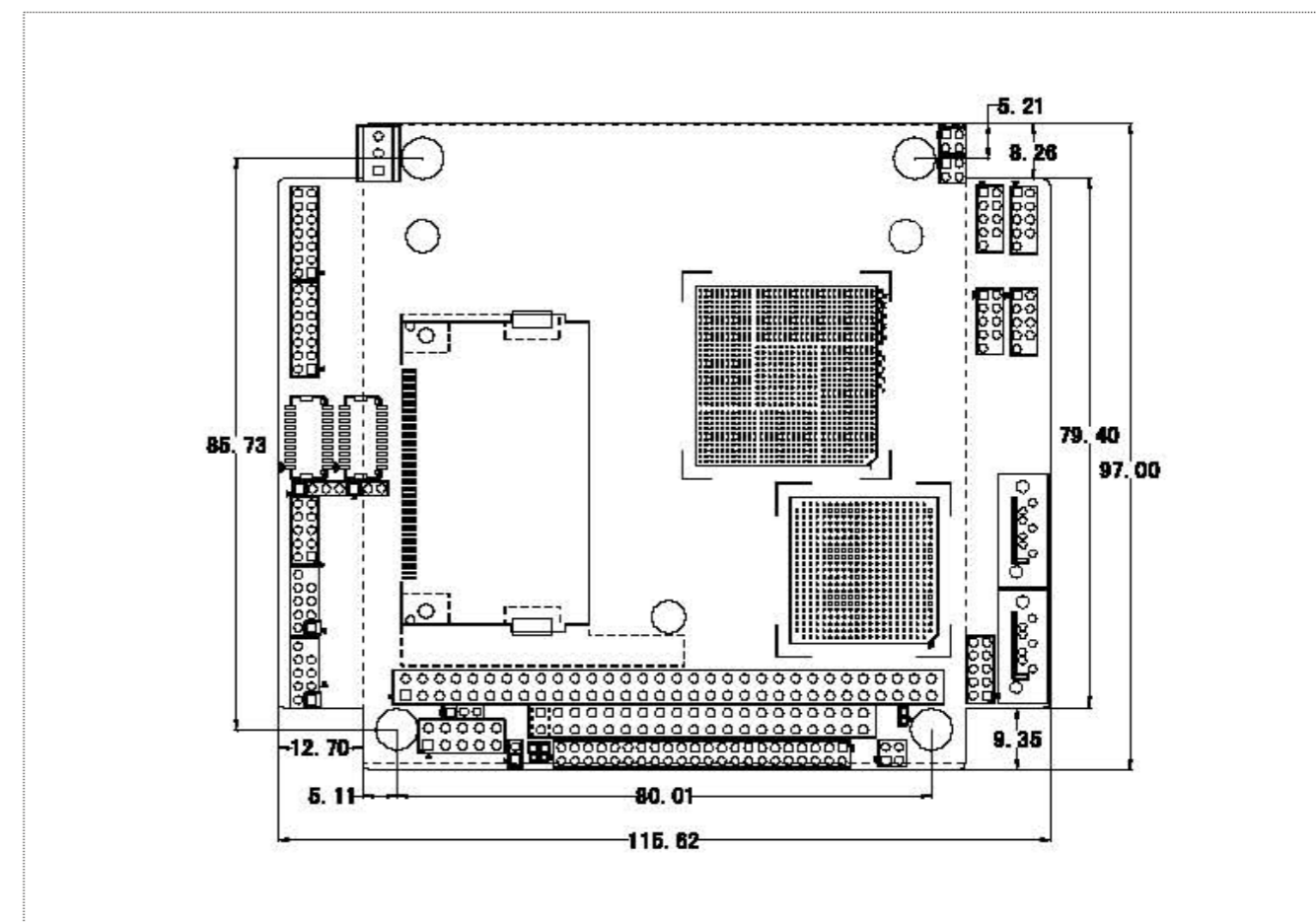
Power

Power Supply	AT
Power consumption	11W

Operating System

Windows OS	Windows XP
Embedded OS	Linux/XP Embedded

Dimensions



Packing List

- 1 x Driver DVD/protective film/RoHS (P/N:2192-01082)
- 1 x VGA cable/RoHS (P/N:2360-012641)
- 1 x DC power supply cable/RoHS (P/N:2360-012651)
- 4 x COM cable/ROHS (P/N:2360-011231)
- 2 x USB cable (P/N:2360-014781)
- 2 x SATA cable/RoHS (P/N:2360-017961)
- 1 x Multi-functional converter cable/RoHS (P/N:2360-024351)
- 2 x RJ45 cable/ RoHS (P/N:2360-024341)
- 1 x HDD flat cable/ RoHS (P/N:2360-008781)

Ordering Information

Part Number	Model Number	Description
0030-011221	104-1812CLD2N	PC/104 motherboard with Intel945GSE chipset onboard Atom™ N270 CPU/1GB DDR2 memory/VGA+LVDS display port/2 x SATA/1 x CF card Socket/1 x IDE(44-pin)/2 x GbE/4 x USB/2 x RS232/2 x RS422/485 port/RoHS