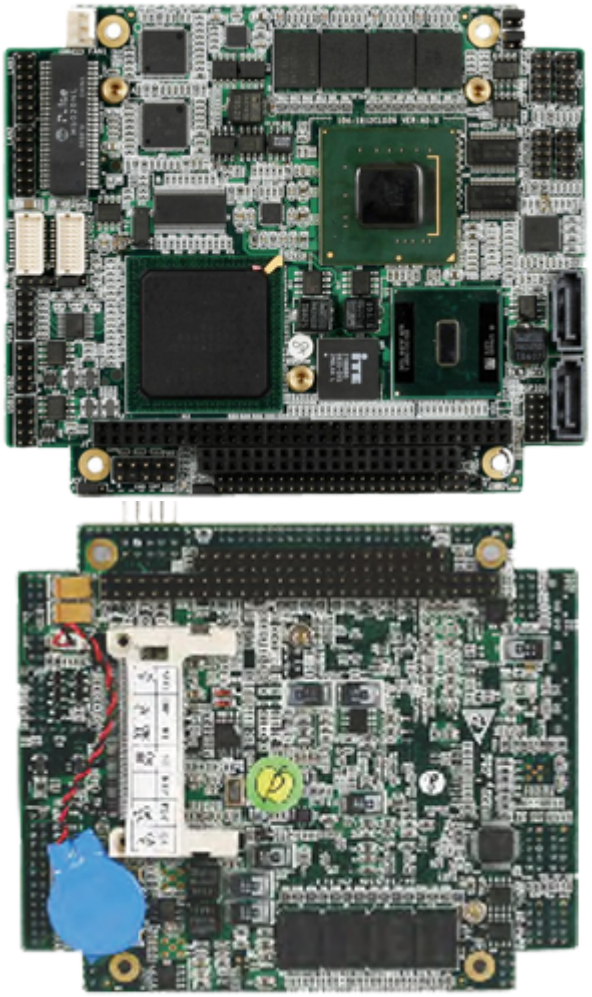
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PCM-1812



Atom N270 1.6G/533MHz CPU

Onboard 1GB DDR2 Memory & Compact Flash Socket

Supports VGA/LVDS

Supports 2 x10/100/1000 Mbps Ethernet interface

Supports 4 x USB 2.0 & 4 x COM

Wide Temp -40 to 80C

The PCM-1812 is an industrial embedded PC104 motherboard that offers high performance and low power consumption. It adopts the Intel Atom N270 processor and Mobile Intel 945GSE + ICH7M chipset; it is a fanless stable solution for pc104 projects. This product can be used in the fields of medical treatment, numerical controlling, traffic, data acquisition and industrial automation where low power in a limited space is required. **CompactFlash card not included.**

Specifications

SBC Type:

Single Board Computers > 1 GHz

Processor

Processor:

Intel Atom N270 1.6G/512k/FCBGA8-437 CPU.

Clock Speed:
533 MHz
Real Time Clock:
Processor Misc.:
Chipset: Intel QG82945GSE+ NH82801GBM (ICH7M).

Memory

BIOS/ Bootloader:
AMI BIOS
Primary Flash:
1x CompactFlash™ card Type I

Primary I/O

GPIO:
1x 8-bit digital I/O connector
Video Out:
Intel 945GSE VGA Dual Channel LVDS
Ethernet:
RTL8111 10/100/1000Mbit with 2x RJ45 Ports
USB:
4x USB 2.0
Serial Ports:
2x RS-232
2x RS-422/485
Watchdog:
Primary I/O Misc.:
SATA Interface: 2 x SATA interface

LVDS supports 18-bit

Secondary I/O

LPT Port:
Keypad:
PS/2:

Analog on

A/D:
D/A:

Dimensions

Dimensions:
4.56 × 3.78 in
Form Factor:
PC/104

Power Requirements

Power Misc.:
Power Supply: AT

Power Consumption: 11W

Environmental

Low Operating Temperature:
-40 C
High Operating Temperature:

80 C

Pricing

PCM-1812N-Z2

PC/104 SBC ATOM N270 Industrial temp .-40 TO 80C

$495.00

Parent Product:

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