

PCM-9362



Embedded Intel® Atom N450 Single Core/ D510 Dual Core

Supports DDR2 memory

Supports Dual Intel Gig Ethernet ports;

Supports 6 x USB 2.0 ports

Supports Mini PCIe & MIO 160 Expansion

Supports +5 V and +12 V power; or single +5 V power

Embedded Intel® Atom N270 Fanless Processor

The PCM-9362 is centered on the low power Intel® Atom processor that supports enhanced Intel “SpeedStep” technology and uses Intel’s N450/D510 + ICH8M chipset. This chipset is ideal for embedded computing and provide an optimized on-board integrated graphics solution. “SpeedStep” technology intelligently focuses system power where the CPU needs it and automatically regulates power usage to minimize power consumption. The PCM-9362's design is based on the small Half-EBX form factor and provides support for PCI-104 module expansion. The Half-EBX form factor also provides a convenient connector layout for easy assembly, more efficient cable connections, and better overall embedded system integration. This compact unit (only 5.7" x 4.0") offers all the functions of a single board industrial computer, but still fits in the space of a 3.5" Hard drive. On-board features include: four serial ports, six USB (Universal Serial Bus) 2.0 ports, two Gig Ethernet ports, an Audio port, a CF(compact flash) card, and a PS/2 keyboard/mouse interface. The built-in high-speed SATA Hard Driver controller supports a maximum transfer rate of 300MB per second. Up to two drives can be connected, including large hard disks, CD-ROM drives, and tape backup drives. **Flash Disk and Memory not included.**

Specifications
SBC type.

Single Board Computers > 1 GHz

Processor

Embedded Intel Atom N450 or D510

Clock Speed:

1.6 GHz

Real Time Clock:

Processor Misc.:

Chipset: Intel N450/D510 + ICH8M

L2 Cache: Integrated on CPU (512 KB/1 MB)

Memory

BIOS/ Bootloader:

AMI 16 Mbit Flash BIOS

Primary Flash:

1x CompactFlash™ card Type I/II

Primary I/O

GPIO:

1x 8-bit GPIO

Video Out:

Intel 845G Dual Display CRT/LCD up to 224 MB shared

Audio:

Realtek ALC888 HD codec with Line-in/Line-out/Mic-in

Ethernet:

10/100/1000 with 2x RJ-45 connectors

USB:

6x USB 2.0

Serial Ports:

3x RS-232

1x RS-232/422/485

1x Parallel LPT

Watchdog:

Primary I/O Misc.:

SATA Interface: 2x SATA Channels supporting 2 drives

Ethernet Chipset: LAN1 Intel 82567, LAN2 Intel 82583V

Secondary I/O

LEDs:

Keypad:

PS/2:

Analog on

D/A:

Dimensions

5.7 × 4 in

Weight:

850 g

Form Factor:

Half-EBX

Power Requirements

Power Management APM 1.2, ACPI 2.0 supported

Maximum: +5 V @ ~ 2.36 A or +12 V @ ~ 1.17 A

Typical: +5 V @ ~ 1.9 A or +12 V @ ~ .91 A

Environmental

Low Operating Temperature:

High Operating Temperature:

60 C

Environmental Misc.:

Optional Temperature: -20 to 80°C

*Please reference PCM-9362NZ wide temp version

Pricing

PCM-9362NC, N450 1.6GHz, DDR2 SODIMM, 4x COM, LPT, 6x USB2, 2xGbE, Audio, LVDS, VGA, +5V operation

\$265.00

Order:

2

Parent Product:

PCM-9362D

PCM-9362D-S6A1E, D510 1.6GHZ, DDR2 SODIMM, 4x COM, LPT, 6x USB2, 2xGbE, Audio, LVDS, VGA

\$285.00

Order:

0

Parent Product:

PCM-9362N

PCM-9362N-S6A1E, N450 1.6GHz, DDR2 SODIMM, 4x COM, LPT, 6x USB2, 2xGbE, Audio, LVDS, VGA

\$265.00

Order:

1

Parent Product:

PCM-9362NZ

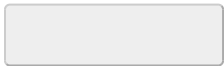
PCM-9362NZ-1GS6A1E, N450 1.6GHz, 1GB DDR2, 4x COM, LPT, 6x USB2, 2xGbE, Audio, LVDS, VGA, (-20~80°C)

\$405.00

Order:

3

Parent Product:



Memory:

SKU: PER-RAM-00113-R

PER-RAM-00113-R

\$0.00

Product State:

Spec Ready

RAM types:

DDR2 SODIMM

Variations:

SODIMM 200P PC2-5300 DDR2 1GB

Status: Active

Call for Price:

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