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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 highspeed SATA Hard Driver controller supports a maximum transfer rate of 300MB per second. Up to two drives can be connected, including large hard dieles CD-ROM drives, and tape backup drives. **Flash Disk and Memory not included.** Specifications Sbc 1 ype.

Single Board Computers > 1 GHz Processor Processor.
Embedded Intel Atom N450 or D510
Clock Speed:
1.6 GHz
Real Time Clock:
Processor Misc.:
Chipset: Intel N450/D510 + ICH8M
Chipset. Inter IV430/D310 + Terrolvi
L2 Cache: Integrated on CPU (512 KB/1 MB)
Memory BiOs/ Boolloader:
AMI 16 Mbit Flash BIOS
Primary Flash:
1x CompactFlash TM card Type I/II
1x Compacti lasii card Type i/II
Primary I/O
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
SATA interface. 2x SATA Channels supporting 2 urives
Ethernet Chipset: LAN1 Intel 82567, LAN2 Intel 82583V
Secondary I/O LF FOIL. Keypad:
PS/2:
Analog on
D/A:
Dimensions Dimensions.
$5.7 \times 4 \text{ in}$
Weight:
850 g
Form Factor:
1 OTHI 1 HOLOI.

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 Operatung Temperature:
0 C
High Operating Temperature:
60 C
Environmental Misc.:
Optional Temperature: -20 to 80°C
*Please reference PCM-9362NZ wide temp version
PCN:-PCN:-PCN:-PCN:-PCN:-PCN:-PCN:-PCN:-
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)

Half-EBX

\$405.00 Order:

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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Parent Product: