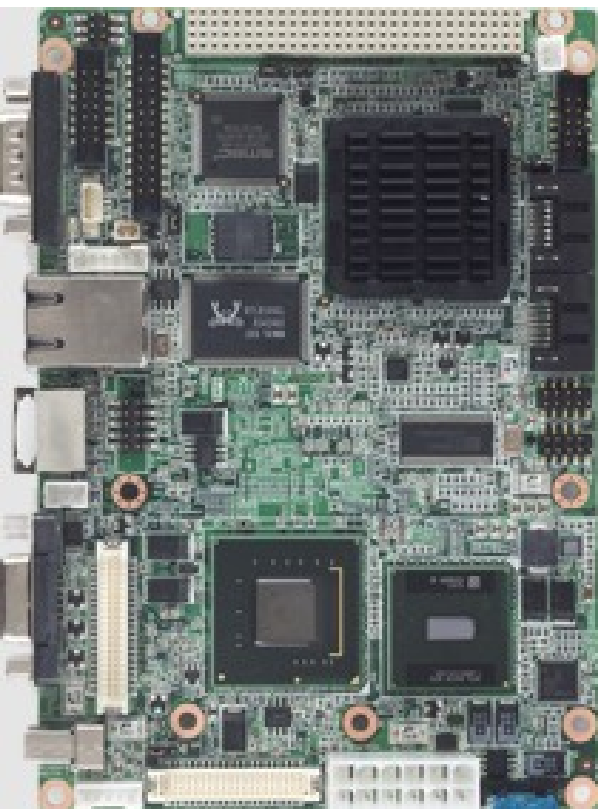


PCM-9361



Embedded Intel® Atom N270 Fanless Processor

Supports DDR2 memory

Supports Dual Independent Display

Supports 5 x USB 2.0 ports

Supports PCI-104 Expansion

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

The PCM-9361 is centered on the low power Intel® Atom processor that supports enhanced Intel “SpeedStep” technology and uses Intel’s 945GSE 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-9361'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 ") 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: two serial ports, five USB (Universal Serial Bus) 1.1/2.0 ports, an Ethernet port, an Audio port 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

SLC type.

Single Board Computers > 1 GHz

Processor

Processor.

Intel Atom N270

Clock Speed:

1.6 GHz

Real Time Clock:

Processor Misc.:

Chipset: Intel 845GSE

L2 Cache: Integrated on CPU (512 KB)

Memory BIOS/Bootloader:

AWARD® 4Mbit

Primary Flash:

1x CompactFlash™ card Type I/II

Primary I/O Video Out.

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

Audio:

AC97 2.0 with mic-In/line-in/line-out support

Ethernet:

10/100/1000 Base-T Ethernet Realtek RTL8110CP with onboard RJ45

USB:

5x USB 2.0

Serial Ports:

1x RS-232

1x RS-232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Primary I/O Misc.:

SATA Interface: 2x SATA Channels supporting 2 drives

Secondary I/O LK + Front.

Keypad:

PS/2:

Secondary I/O Misc.:

Display

Chipset: Intel 855GSE

Video Memory: Supports up to 224 MB (shared) memory

Display Type: Flat Panel and CRT displays

Resolution: Up to 1600 x 1200 @ 85 Hz

TTL Interface: Supports 1 channel (18-bit) TTL LCE Panel (PCM-9361FG)

LVDS Interface: Supports 1 channel (36-bit) LVDS LCD Panel (PCM-9361EG)

Dual Display:

Dual Independent Display: CRT + LVDS, CRT + TTL

Analog on
A/D.

D/A:

Dimensions
DIMENSIONS.

5.7 × 4 in

Weight:

850 g

Form Factor:

Half EBX

Power Requirements
Voltage.

5 V

Typical Current:

1.9 A

Typical Voltage:

5 mV

Max Boot Current:

2.5 mA

Power Misc.:

Power Type: AT/ATX 5V

Power Management APM 1.2, ACPI3.0 supported

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Environmental Misc.:

Optional Wide-temp Version: -20° to 80° C

Pricing
PCM-9361FG

ATOM 1.6GHZ SBC W/Video, GIG LAN, LVDS, LPT (EOL)

\$279.00

Parent Product:

PCM-9361FG

ATOM 1.6GHZ SBC W/Video, GIG LAN, TTL LCD, LPT

\$279.00

Parent Product: