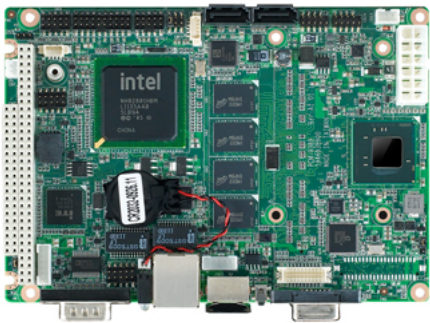
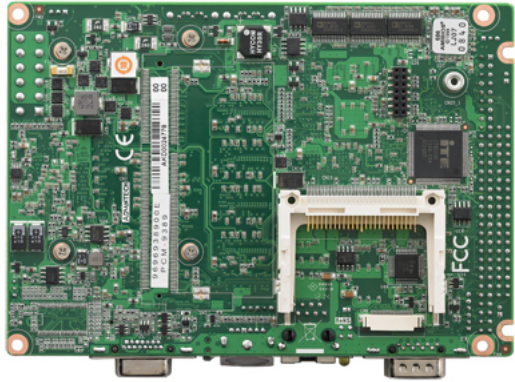
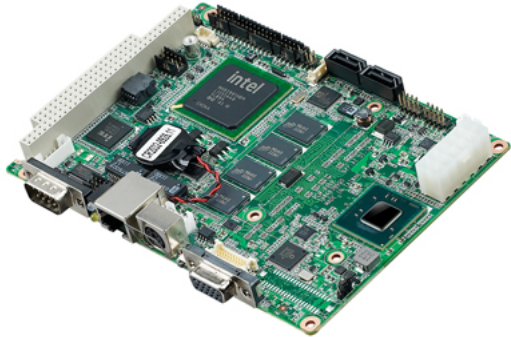


PCM-9389



Intel® Atom™ N455 Single Core/ D525 Dual Core processor + ICH8M, DDR3 on-board memory or SO-DIMM support

Intel Gen 3.5 DX9, MPEG2 Hardware Decoder, dual independent display: 18/24-bit LVDS, VGA

Intel Dual GbE supported; Rich I/O interface with 4 COM , 2 SATA, 4 USB and GPIO connectors

Integrates internal LPC connector to support four extra COM ports via PCA-COM232 or PCA-COM485

Supports iManager, SUSIAccess and Embedded Software APIs

PCM-9389 is a 3.5" SBC (Single Board Computer) with Embedded Intel Atom N455 1.66 GHz / D525 1.8 GHz processor. The PCM-9389 can support DDR3 SODIMM up to 4GB or 1 GB SDRAM on-board, PC/104 and LPC (Low Pin Count) expansion, VGA, 18/24-bit LVDS, 2 x IDE, 2 x SATA, 3 RS-232 COM ports, 1 RS-232/422/485 COM port, 4 USB 2.0, SMBus or I2C, 8-bit GPIO.

Specifications

SBC type:

Single Board Computers > 1 GHz

Processor

Intel Atom N455 or D525 dual core

Clock Speed:

1.8 GHz

Real Time Clock:

Processor Misc.:

Secondary Processor: Intel Atom N455 Single Core 1.66 GHz Processor

System Chipset: Intel N455/D525 + ICH8M

L2 Cache: 512 KB/1 MB

Memory

BIOS/Bootloader:

AMI 16 Mbit Flash BIOS

Primary Flash:

1x CompactFlash™ card Type I/II

Memory Misc.:

Optional RAM (D525): DDR3 800 MHz

Primary I/O

GPIO:

1x 8-bit GPIO

Disk Interface:

2x SATA II

Video Out:

VGA

Audio:

Realtek ALC892 High Definition Audio (HD) (Line-in/Line out /Mic-in)

Ethernet:

10/100/1000 Intel 82567V RJ-45/Intel 82583V internal

USB:

4x USB 2.0

Serial Ports:

2x RS-232

2x RS-232/422/485

Watchdog:

Secondary I/O

UART Port:

Keypad:

PS/2:

Analog on

A/D:

D/A:

Dimensions

5.7 × 4 in

Weight:

0.64 kg

Form Factor:

Half EBX

Power Requirements

5 V

Power Misc.:

PCM-9389N: 1.63 A @ 5 V (8.15 W)

PCM-9389D: 1.94 A @ 5 V (9.7 W)

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Upper Operating Humidity:

95%

Pricing

PCM-9389D-S8A1E

CPU Atom D525, L2 Cache 1MB, Memory SODIMM, Active Thermal Solution

\$295.00

Order:

0

Parent Product:

PCM-9389N-1GS6A1E

CPU Atom N455, L2 Cache 512 KB, Memory 1GB onboard

\$325.00

Order:

0

Parent Product:

PCM-9389N-S6A1E

CPU Atom N455,L2 Cache 512 KB, SODIMM memory

\$285.00

Order:

0

Parent Product:

PCM-9389NZ-1GOBA1E

CPU Atom N455, L2 Cache 512 KB,Memory 1GB onboard, Wide Temp -20 ~ 80 C

\$471.00

Order:

0

Parent Product:

PCM-9389NZ-2GDMA1E

CPU Atom N455, L2 Cache 512 KB, Memory 2GB bundled, Wide temp -20 ~ 85 C

\$487.00

Order:

0

Parent Product:

PCM-9389NZ21GOBA1E

CPU Atom N455, L2 Cache 512 KB, Memory 1GB onboard, Wide temp -40 ~ 85 C

\$513.00

Order:

0

Parent Product:

PCM-9389NZ22GDMA1E

CPU Atom N455, L2 Cache 512 KB, Memory 2GB bundled, Wide temp -40~85 C

\$542.00

Order:

0

Parent Product:

Source URL: <https://www.emacinc.com/content/pcm-9389>