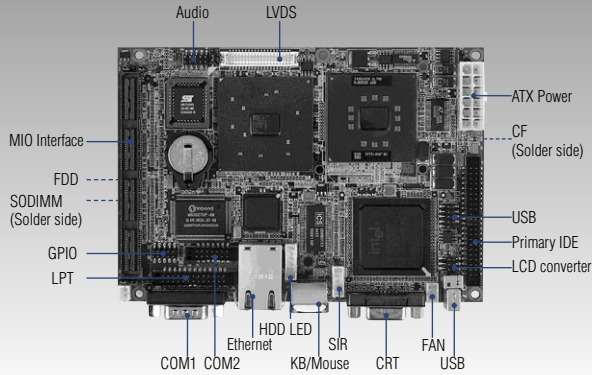


PCM-9386

Intel® Celeron® M 3.5" SBC with MIO/
VGA/LCD/LVDS/LAN/USB 2.0 and SSD

NEW



Specifications

General

- **CPU** Embedded Intel Celeron M 600 MHz Processor
- **2nd Cache Memory** N/A
- **System Chipset** Intel 852GM GMCH/ICH4 chipset
- **BIOS** AWARD 4 Mbit Flash BIOS
- **System Memory** 1 x SODIMM socket, supports Double Data Rate (DDR) 128 MB to 1 GB, accept 128/256/512/1000 MB DDR200/266/333 DRAM
- **Power Management** APM 1.2, ACPI supported
- **SSD** Support CompactFlash® Card Type I/II (share 2nd IDE channel)
- **WatchDog Timer** 255 levels timer interval, setup by software
- **Expansion Interface** Integrated PCI 2.0, LPC, USB 2.0, I2C, AC97, DVO Bus
- **Battery** Lithium 3 V/196 mAh

I/O

- **I/O Interface** 1 x EIDE, 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS232/422/485, 1 x RS232, 1 x LPT
- **USB** 3 USB ports, USB 2.0 compliant
- **Audio** Support AC97 Audio stereo sound.
- **GPIO** 8 bit general purpose Input / Output
- **I/O Expansion** MIO interface with module connector, LPC, AC97, PCI, USB, SM Bus, DVO etc. (Refer MIO section)

Ethernet

- **Chipset** Intel 82551ER
Intel 82551QM (optional)
Intel 82541GI (Gigabit, optional)
- **Speed** 10/100 Mbps, 10/100/1000 Mbps (optional)
- **Interface** RJ45 connector
- **Standard** IEEE 802.3 z/ab (1000BASE-T) or IEEE 802.3u (100BASE-T) protocol compatible

Features

- Embedded Intel® Celeron® M 600 MHz Processor
- Supports 100Base-T Ethernet; Gigabit Ethernet (optional)
- Supports 2 channel LVDS LCD display
- Supports 3 x USB 2.0 port
- Supports MIO Interface
- Around 10 W Low Power
- Supports single +5 V power

Display

- **Chipset** Intel 852GM/GMCH
- **Memory Size** Optimized Shared Memory Architecture, support 64 MB frame buffer using system memory
- **Resolution** CRT display Mode: pixel resolution up to 1600 x 1200 @ 85 Hz and 2048 x 536 @ 75 Hz
LVDS display Mode: up to UXGA panel resolution with frequency range from 25 MHz to 112 MHz
support 2 channel LVDS LCD Panel
- **LCD Interface** N/A
- **TV-Out** N/A
- **Dual Independent Display** CRT + LVDS
CRT + DVI / LVDS+ DVI (w/MIO-254)

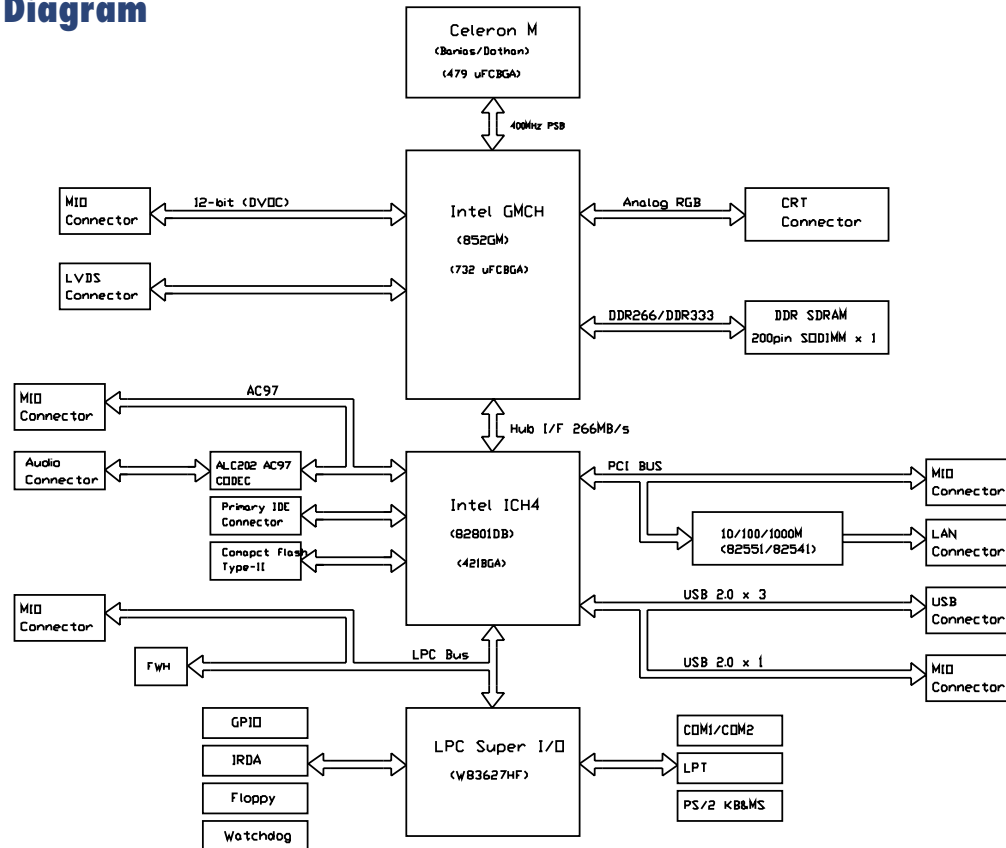
Mechanical and Environmental

- **Dimension (L x W)** 146 mm x 105 mm (5.7" x 4")
- **Weight** 0.85 kg (weight of total package)
- **Operation Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, non condensing

Power

- **Power Supply Voltage** ATX, +5 V ±5%, +12V ±5%
- **Power Consumption** (Celeron M 600 MHz) +5 V @ 2.0 A +12 V @ 0.02 A

Board Diagram



Packing List

- 1 x PCM-9386 SBC
- 1 x Mini Jumper Pack (p/n:9689000002)
- 1 x Startup manual
- 1 x Utility CD
- 1 x Audio cable (p/n: 1703100152)
- 1 x IDE 44 pin (p/n: 1701440351)
- 1 x USB 2 port Cable (p/n: 1703100121)
- 1 x Parallel port cable (p/n: 1700260250)
- 1 x Keyboard/Mouse cable (p/n: 1700060202)
- 1 x 26-34 pin FDD adapter (p/n: 9681000044)
- 1 x FDD Cable for Slim FDD (p/n: 1701260125)
- 1 x Flat cable 34 pins for FDD (p/n: 1701340700)
- 1 x Second serial port cable (p/n: 1701140201)
- 1 x ATX power cable 20P-12P cable (p/n: 1700000265)

Ordering Information

Standard

- **PCM-9386F-M0A1** Celeron M 600 (512 KB)/LAN/VGA/LVDS/Audio

Optional Accessories

- **MIO-250** MIO module w/3 Fast Ethernet with by pass
- **MIO-253** MIO module for 5 COM port
- **MIO-254** MIO module for DVO to DVI/TV/Audio