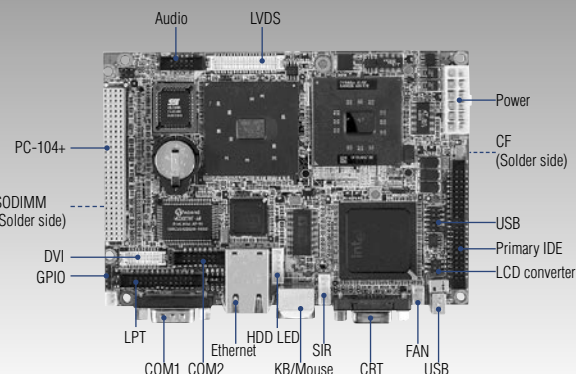


PCM-9387

ULV Intel® Celeron® M 600 MHz 3.5" SBC with PC104+ VGA/LCD/LVDS/LAN/USB2.0 and SSD

NEW



Specifications

General

- **CPU** Embedded Intel ULV Celeron M 600 MHz
- **2nd Cache Memory** N/A
- **System Chipset** Intel 852GM GMCH/ICH4 chipset
- **BIOS** AWARD 4 Mbit Flash BIOS
- **System Memory** 1x SODIMM socket, support Double Data Rate (DDR) 128 MB to 1 GB, accept 128/256/512/1000 MB DDR200/266 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** PC/104-Plus
- **Battery** Lithium 3 V/196 mAH

I/O

- **I/O Interface** 1 x EIDE, 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** 4 bit general purpose Input / Output
- **I/O Expansion** PC/104-Plus

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® ULV Celeron® M 600 MHz
- Supports DDR memory
- Supports 1000BASE-T Ethernet
- Supports 2 channel 36 bits LVDS LCD display
- Supports 3 x USB 2.0 port
- Around 10 W low power
- Supports single +5 V power

Display

- **Chipset** Intel 852GM
- **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 (36-bit) LVDS LCD Panel
- **LVDS Interface** N/A
- **TV-Out** CRT + LVDS
- **Dual Independent Display** CRT + DVI / LVDS+ DVI

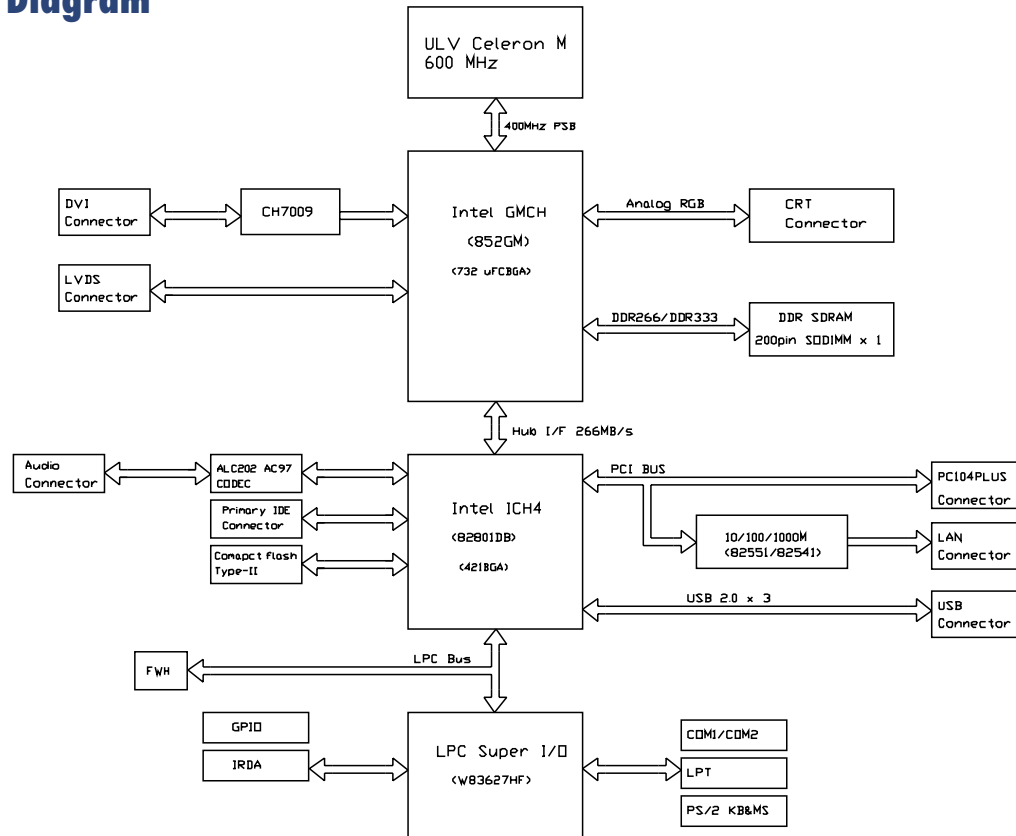
Mechanical and Environmental

- **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%, +12 V ±5%
- **Power Consumption** ULV Celeron M 600 MHz @ 256 MB DDR266
Max (HCT): +5 V @ 2.0 A, +12 V @ 0.02 A

Board Diagram



Packing List

- 1 x PCM-9387 SBC (p/n: 9689000002)
- 1 x Mini Jumper Pack (p/n: 1703100152)
- 1 x Startup Manual (p/n: 1701440351)
- 1 x Utility CD (p/n: 1703100121)
- 1 x Audio Cable (p/n: 1700260250)
- 1 x IDE 44 pin (p/n: 1700060202)
- 1 x USB 2 port Cable (p/n: 1701140201)
- 1 x Parallel Port Cable (p/n: 1700000265)
- 1 x Keyboard/Mouse Cable
- 1 x Second Serial Port Cable
- 1 x ATX Power Cable 20P-12P Cable

Ordering Information

Standard

- **PCM-9387F-M0A1** Celeron M 600/LAN/VGA/LVDS/Audio