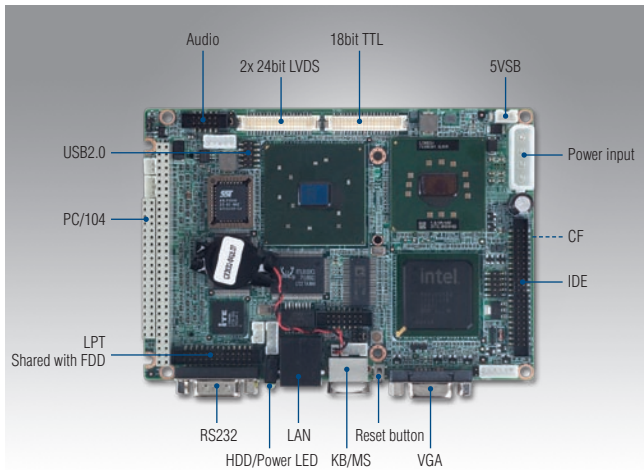


# PCM-9388

3.5" SBC with Intel® Celeron® M,  
VGA, LCD, LAN, USB, ISA



## Features

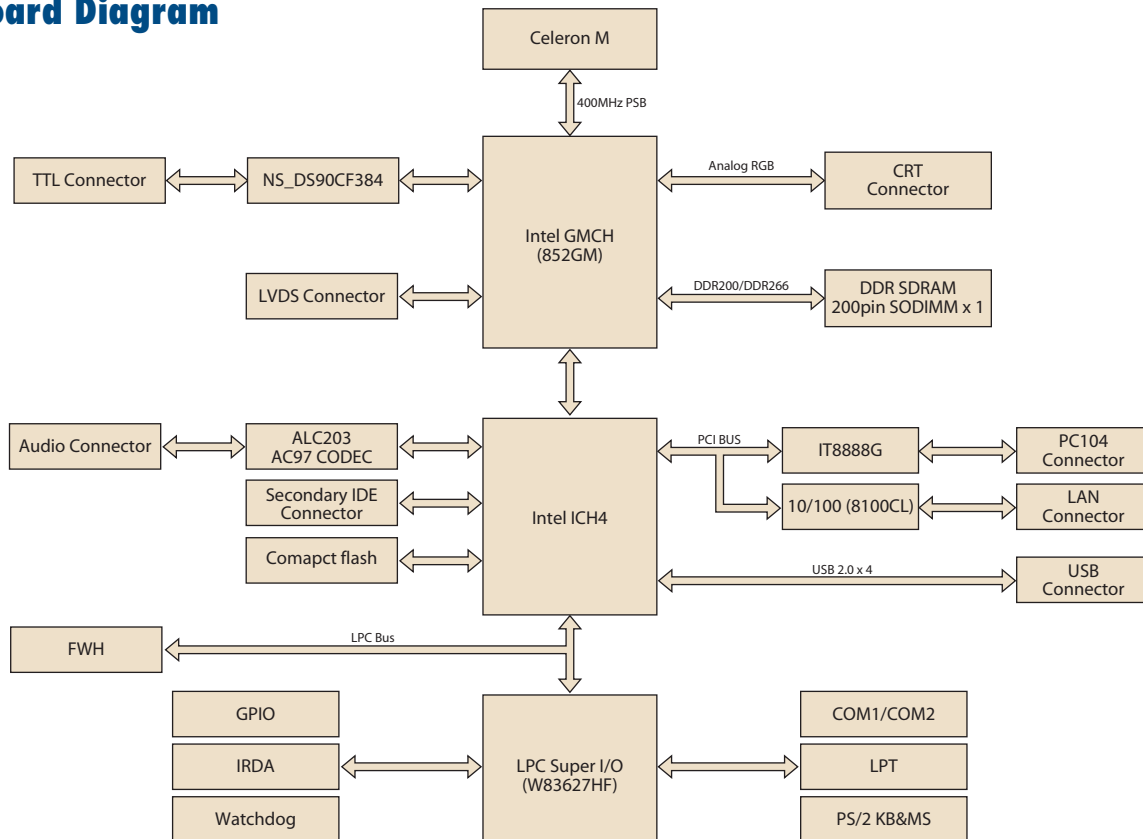
- High performance with legacy PC/104 support platform
- Support Intel® Celeron® M Processor
- Fanless support with Low profile heatsink
- Supports DDR memory
- Full LCD support for 18 bit TTL/2-channel LVDS support up to 48-bit (Optional)
- Dual independent display by CRT + LVDS / CRT + TTL
- 2 x USB 2.0 support USB Boot



## Specifications

Processor System	CPU	Onboard Intel Celeron M 600 MHz / 1 GHz
	Front Side Bus	400 MHz
	L2 Cache	Up to 512 KB (depending on CPU type)
	Chipset	Intel 852GM GMCH + ICH4
	BIOS	Award 4 Mbit
Memory	Technology	DDR 266 MHz
	Max. Capacity	1 GB
	Socket	1 x 200-pin SODIMM
SSD	CompactFlash	Card Type I
Rear I/O	VGA	1
	COM	1
	RJ-45	1
	K/B, Mouse	1
I/O Interface	LPT	1 (share with FDD)
	FDD	1 (share with LPT)
	RS-232	1
	RS-232/422/485	1
	K/B	1
	Mouse	1
	USB	2 x USB 2.0
	Audio	AC97, Lin-in, Lin-out, Mic-in
	IrDA	115 kbps
	GPIO	8-bit general purpose input/output
EIDE	SMBus	Supported
	Mode	UDMA 33
Expansion Slot	Channel	1
	PC/104	1
Ethernet	Speed	10/100Mbps
	Controller	Realtek RTL 8100CL
	Interface	1 x RJ-45
Display	Controller	Intel 852GM
	VRAM	Optimized Shared Memory Architecture up to 64 MB system memory
	TTL LCD	1 x 18-bit TTL
	LVDS LCD	1 x 36-bit LVDS (48-bit LVDS optional)
Environment	Dual Independent Display	CRT+LVDS, CRT+TTL
	Operation Temperature	0 ~ 60° C (32 ~ 140° F)
	Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	Power Type	AT / ATX
	Power Supply Voltage	5 V +/- 5%, 12 V +/-5% (optional)
	Power Consumption	Typical: 1.56 A @ 5 V, 0.16 A @ 12 V (Celeron M 600/DDR 256 MB) Max. : 2.11 A @ 5 V, 0.17 A @ 12 V (Celeron M 600/DDR 256 MB)
	Power Management	APM, ACPI S1, S5
	Battery	3 V / 210 mAh
Watchdog Timer	Output	System reset
	Interval	Programmable 1 ~ 255 sec
Physical Characteristics	Dimensions (L x W)	146 x 102 mm (5.7" x 4")
	Weight	0.85 kg (1.87 lb)

## Board Diagram



## Packing List

Part No.	Description	Quantity
1701440504	IDE cable (44p/44p/40p)	1
1700060202	KB/MS cable	1
1701140201	RS232/422/485 cable	1
1700260250	Parallel Port cable	1
1703100152	Audio cable	1
1703100121	USB cable (2 ports)	1

## Optional Items

Part No.	Description
1703200201	ATX power cable
1700001531	LTP to FDD cable

## Ordering Information

Part No.	CPU	CRT	LVDS	TTL	10/100	USB	RS-232	RS-232/422/485	LPT	CF	PC/104
PCM-9388F-M0A1E	Celeron M 600 MHz (512 KB)	1	1	1	1	2	1	1	1	1	1
PCM-9388F-S0A1E	Celeron M 1 GHz (0 KB)	1	1	1	1	2	1	1	1	1	1