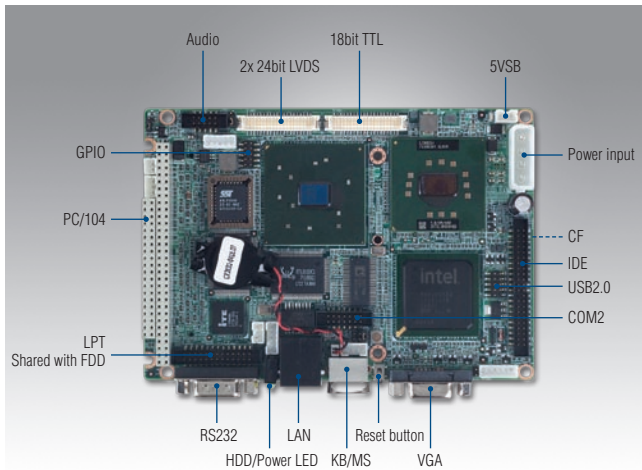


PCM-9388

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



Features

- High performance with legacy PC/104 support platform
- Supports 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

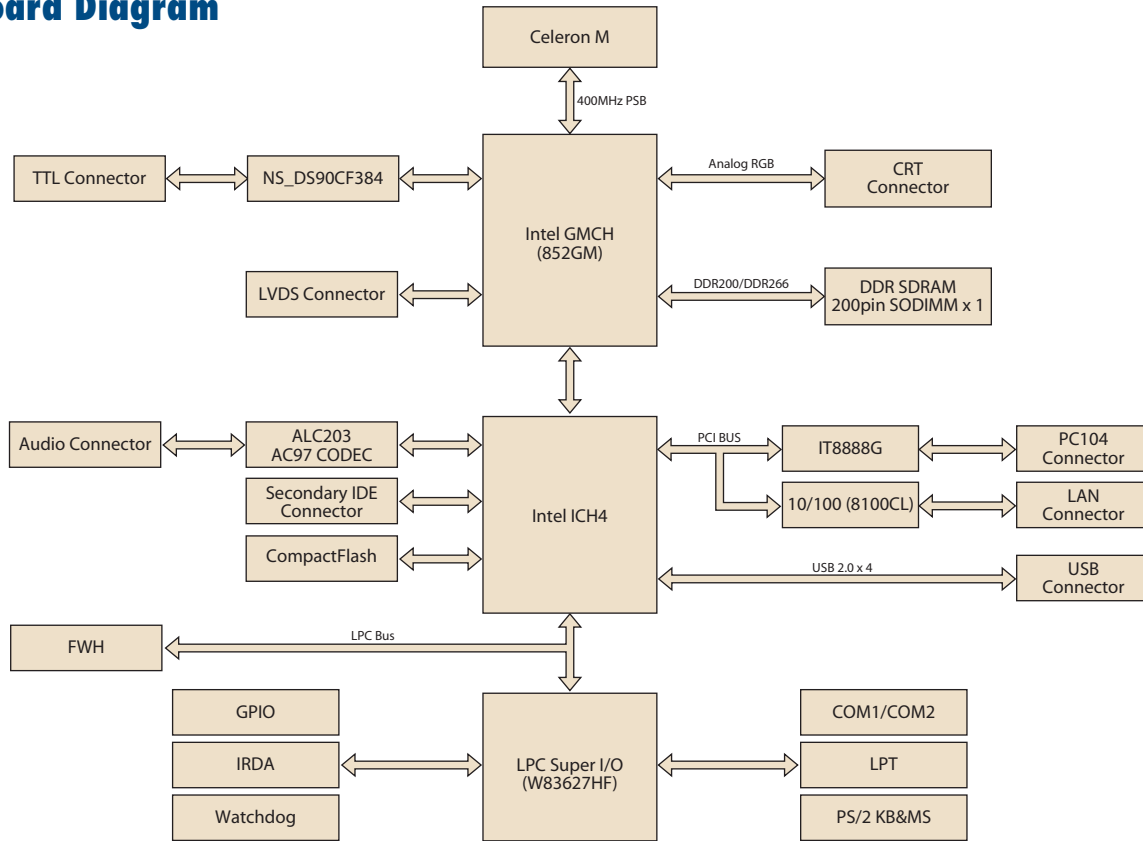


Specifications

Processor System	CPU	Intel Celeron M 600 MHz	Intel Celeron M 1 GHz
	Front Side Bus	400 MHz	400 MHz
	L2 Cache	512 KB	-
	Chipset	852GM + ICH4	852GM + ICH4
	BIOS	Award 4 Mbit	Award 4 Mbit
Memory	Technology	DDR 266 MHz	
	Max. Capacity	1 GB	
	Socket	1 x 200-pin SODIMM	
SSD	CompactFlash	Card Type I/II	
Coastline I/O	VGA	1	
	COM	1	
	RJ-45	1	
	K/B, Mouse	1	
	Internal I/O	LPT	1 (share with FDD)
FDD		1 (share with LPT)	
RS-232		-	
RS-232/422/485		1	
K/B		-	
Mouse		-	
USB		2 x USB 2.0	
Audio		AC97, Line-in, Line-out, Mic-in	
IrDA		115 kbps	
GPIO		8-bit general purpose input/output	
SMBus	Supported		
EIDE	Mode	UDMA 33	
	Channel	1	
Expansion Slot	PC/104	1	
	Ethernet	Speed	10/100 Mbps
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)	
	Dual Independent Display	CRT+LVDS, CRT+TTL	
Environment	Operating Temperature	0 ~ 60° C (32 ~ 140° F)	
	Operating Humidity	0% ~ 90% relative humidity, non-condensing	
Power	Power Type	AT / ATX	
	Power Supply Voltage	ATX: +5 V ± 5%, ±12 V ± 5% AT: 5V only to boot up (12 V is optional for LCD inverter and add on card)	
	Power Consumption	Typical (WinXP Idle Mode): 1.56 A @ 5 V, 0.16 A @ 12 V (Celeron M 600/DDR 256 MB) Max (Test in HCT): 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



Ordering Information

Part No.	CPU	CRT	LVDS	TTL	LAN	USB	RS-232	RS-232/442/485	LPT	CF	PC/104
PCM-9388F-M0A1E	Celeron M 600 MHz (512 KB)	1	1	1	1 FE	2	1	1	1	1	1
PCM-9388F-S0A1E	Celeron M 1 GHz (0 KB)	1	1	1	1 FE	2	1	1	1	1	1

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	LPT to FDD cable