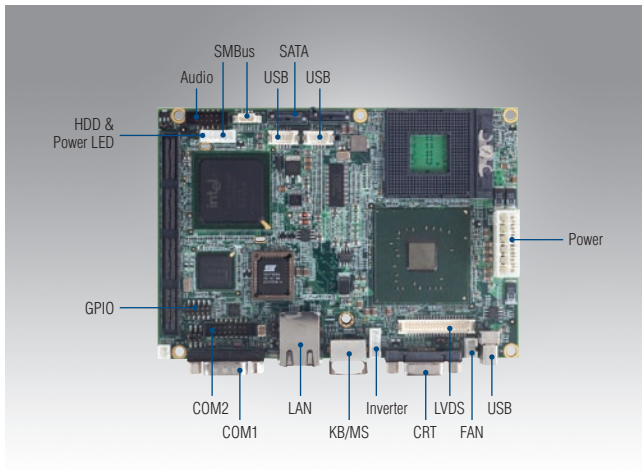


PCM-9382

3.5" Biscuit with Intel® Core™ 2 Duo/
VGA, LVDS, LAN, USB, SATA, SSD



Features

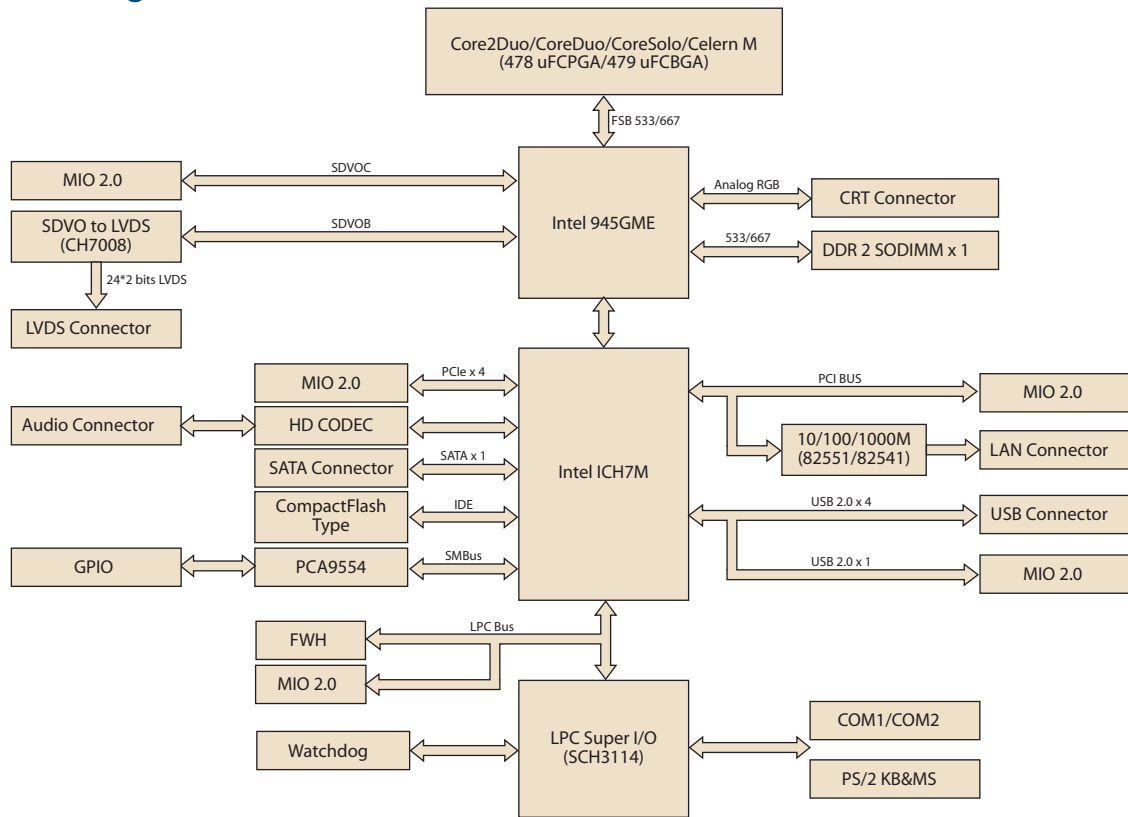
- Embedded Intel® Core™ 2/Core™ Duo LV/ULV processor
- DDR2 memory support
- Dual-channel 24-bit LVDS
- HD audio codec
- Five USB 2.0 port and one SATA II
- SMBus & SUSI



Specifications

Processor System	CPU	Socket 478 support up to Intel Core2 Duo T74000	Intel Celeron M 1.06 GHz (423)
	Front Side Bus	533/667	533/667
	L2 Cache	depends on CPU	512 KB
	Chipset	Intel 945GME + ICH7M	Intel 945GME + ICH7M
	BIOS	Award 4 Mbit	Award 4 Mbit
Memory	Technology	DDR2 533/667 MHz	
	Max. Capacity	2 GB	
	Socket	1 x 200-pin SODIMM	
SSD	CompactFlash	Card Type I/II	
Coastline I/O	VGA	1	
	COM	1	
	RJ-45	1	
	USB	1	
	K/B, Mouse	1	
Internal I/O	RS-232	-	
	RS-232/422/485	1	
	K/B	-	
	Mouse	-	
	USB	4 x USB 2.0	
	Audio	High Definition Audio (HD), Line-in, Line-out, Mic-in	
	GPIO	8-bit general purpose Input/Output	
SATA	SMBus	Supported	
	Max. Data Transfer Rate	150 MB/s	
Expansion Slot	Channel	1	
	MIO 160	1	
Ethernet	Speed	10/100 Mbps 10/100/1000 Mbps (optional)	
	Controller	Intel 82551QM (with wake on LAN) Intel 82541PI (Gigabit)	
	Interface	1 x RJ-45	
Display	Controller	Intel 945GME	
	VRAM	Optimized Shared Memory Architecture up to 224 MB system memory	
	LVDS LCD	1 x 48-bit LVDS LCD Panel	
	Dual Independent Display	CRT + LVDS	
Environment	Operating Temperature	0 ~ 60° C (32 ~ 140° F)	
	Operating Humidity	10% ~ 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): +5 V @ 4.64 A, +12 V @ 0.09 A Max (Test in HCT): +5 V @ 5.14 A, +12 V @ 0.16 A	
	Power Management	APM1.2, ACPI2.0, wake on LAN, and modem ring-in functions	
	Battery	Lithium 3 V / 210 mA/H	
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), weight of total package	

Board Diagram



Ordering Information

Part No.	CPU	CRT	LVDS	LAN	SATA	USB	RS232	RS232/422/485	CF	MIO	Power Supply
PCM-9382F-00A1E	Socket	1	1	1 FE	1	5	1	1	1	1	5 V/12 V
PCM-9382F-S0A1E	1.06 GHz	1	1	1 FE	1	5	1	1	1	1	5 V or 5 V/12 V
PCM-9382FG-00A1E	Socket	1	1	1 GbE	1	5	1	1	1	1	5 V/12 V

Optional Accessories

Part No.	Description
MIO-6255	MIO module w/ 2 x Cardbus
MIO-6260	MIO module w/ 4 x USB, 2 x COM, 1 x LAN

Packing List

Part No.	Description	Quantity
	PCM-9382 SBC	1
9689000002	Mini jumper pack	1
	Startup manual	1
	Utility CD	1
1703100152	Audio cable	1
1700071000	SATA cable	2
1700003151	USB 2.0 port cable	1
1700060202	Keyboard/Mouse cable	1
1701140201	Second serial port cable	1
1700000265	ATX power cable 20P-12P cable	1
1700260250	Parallel port cable	1
1750001940	Cooler (PCM-9382F-00A1E)	1