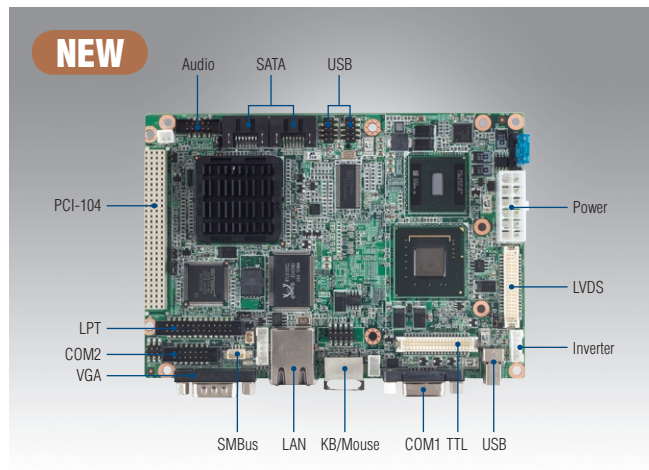


# PCM-9361

**3.5" Biscuit with Intel® Atom N270/VGA, LVDS, TTL, LAN, USB, SATA, SSD**



## Features

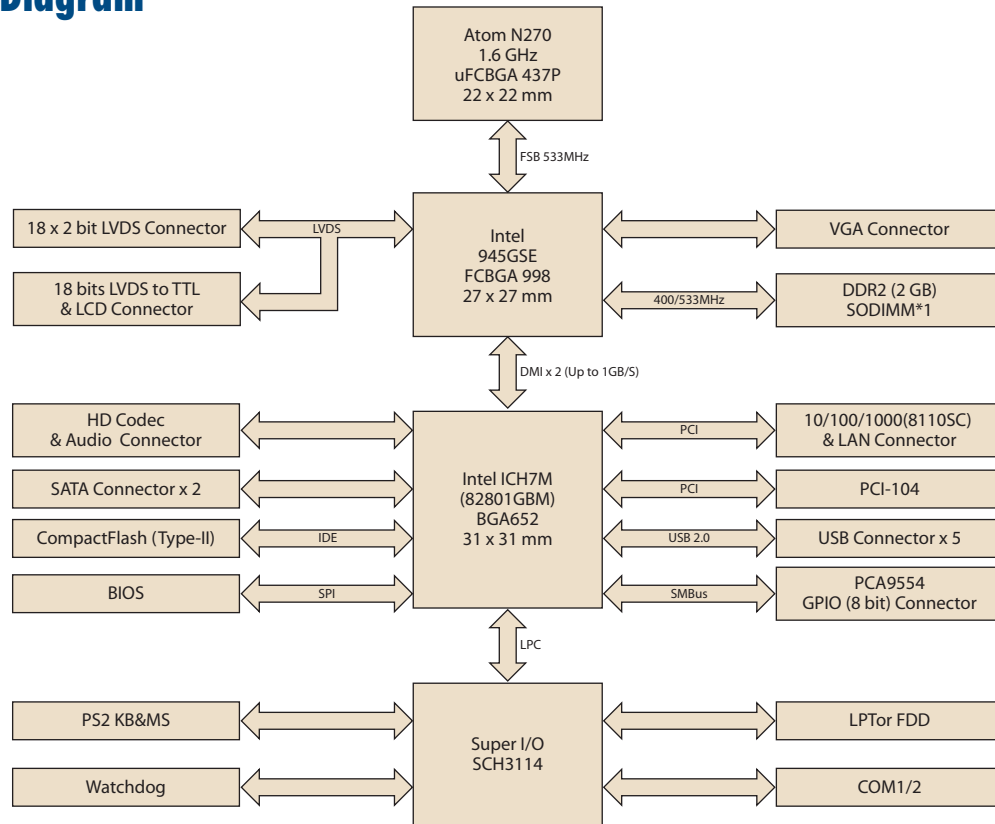
- Embedded Intel Atom N270 1.6 GHz Processor
- DDR2 Memory support up to 2 GB
- Full LCD support for 18 bit TTL/2-channel LVDS support up to 36-bit
- HD Audio Codec
- Five USB 2.0 ports
- Two SATA connectors
- Two COM ports
- PCI-104 expansion



## Specifications

Processor System	CPU	Intel® Atom™ Processor N270 1.60 GHz
	Front Side Bus	533 MHz
	L2 Cache	512 KB
	Chipset	Intel® 945GSE
	BIOS	Award 4 Mbit
Memory	Technology	DDR2 400/533 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), Lin-in, Lin-out, Mic-in
	GPIO	8-bit general purpose Input/Output
SMBus	Supported	
SATA	Max. Data Transfer Rate	150 MB/s
	Channel	2
Expansion Slot	PCI-104	1
Ethernet	Speed	10/100/1000 Mbps
	Controller	Realtek 8110SC
	Interface	1 x RJ-45
Display	Controller	Intel 945GSE
	VRAM	Optimized Shared Memory Architecture up to 224 MB system memory
	LVDS LCD	1 x 36-bit LVDS
	TTL LCD	1 x 18-bit TTL
Environment	Dual Independent Display	CRT + LVDS, CRT + TTL
	Operation Temperature	0 ~ 60° C (32 ~ 140° F)
Power	Operating Humidity	10% ~ 90% relative humidity, non-condensing
	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 @ 1.9 A, +12 V @ 0.07 A Max (Test in HCT): +5 V @ 2.38 A, +12 V @ 0.09 A
	Power Management	APM1.2, ACPI3.0, wake on LAN, and modem ring-in functions
Watchdog Timer	Battery	Lithium 3 V / 210 mA
	Output	System reset
Physical Characteristics	Interval	Programmable 1 ~ 255 sec
	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	TTL	LAN	Audio	USB 2.0	RS-232	RS-232/422/485	LPT	KB/MS	Expansion
PCM-9361FG-S6A1E	Atom N270 1.6G	1	NA	1	1 GE	HD	5	1	1	1	1	PCI-104
PCM-9361EG-S6A1E	Atom N270 1.6G	1	1	NA	1 GE	HD	5	1	1	1	1	PCI-104
PCM-9361L-S6A1E (W/O cables)	Atom N270 1.6G	1	1	NA	1 GE	HD	5	1	1	1	1	N/A

## Packing List

Part No.	Description	Quantity
	PCM-9361 SBC	1
9689000002	Mini Jumper Pack	1
	Startup Manual	1
	Utility CD	1
1700000265	ATX Power Cable	1
1700006291	SATA Cable	1
1700060202	PS/2 Y-Cable	1
1701140201	Second Serial Port Cable	1
1703100121	USB 2 Port Cable	2
1703100152	Audio Cable	1
1700260250	LPT cable	1

## Optional Item

Part No.	Description
170000531	LPT to FDD cable