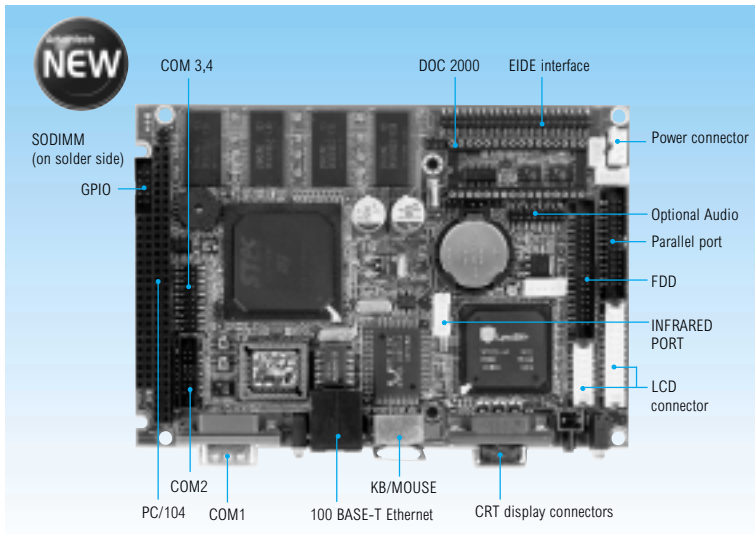


PCM-9340

486 SBC with ST Elite CPU, VGA/LCD, Ethernet and 4 COMs



Features

- Compact with on board AMD ST Elite-133 processor and 32 MB memory
- 100 BASE-T Ethernet
- 36-bit DSTN/TFT LCD
- 4 COM ports share one IRQ
- Optional audio function

System

CPU	Onboard ST Elite-133 processor, optional Consumer II
System Memory	32MB SDRAM on board, optional SODIMM Socket. Max up to 64 MB
System Chipset	ST Eliet
BIOS	AWARD 256 KB Flash BIOS
SSD	Supports DiskOnChip®
Watchdog Timer	Software enable/disable. 1 to 62 sec.
Expansion Interface	PC/104
Battery	Lithium 3 V/ 195 mAh

Display(PCM-9340F and PCM-9340V)

Chipset	SMI LynxEM+ 712 chip
Memory Size	2 MB on chip
Resolution	CRT Mode:1280 x 1024@16 bpp (60 Hz), 1024 x 768@16 bpp (85 Hz), 800 x 600 @24 bpp (85 Hz)
	LCD/Simultaneous Mode:1280 x 1024@16 bpp (60 Hz), 1024 x 768@16 bpp (60 Hz), 800 x 600 @24 bpp (60 Hz)
LCD Interface	Supports 3,9,12,18,24,36-bit TFT and 16 or 24-bit DSTN panel

I/O

MIO	1 x EIDE , 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 3 x RS-232, 1 x LPT
IrDA	115 kbps, IrDA 1.0 compliant
GPIO	8-bit programable general purpose I/O
Audio	Optional, ALI AS4000 chip, AC'97 ver. 2.0 compliant
USB	N/A

Mechanical and Environmental

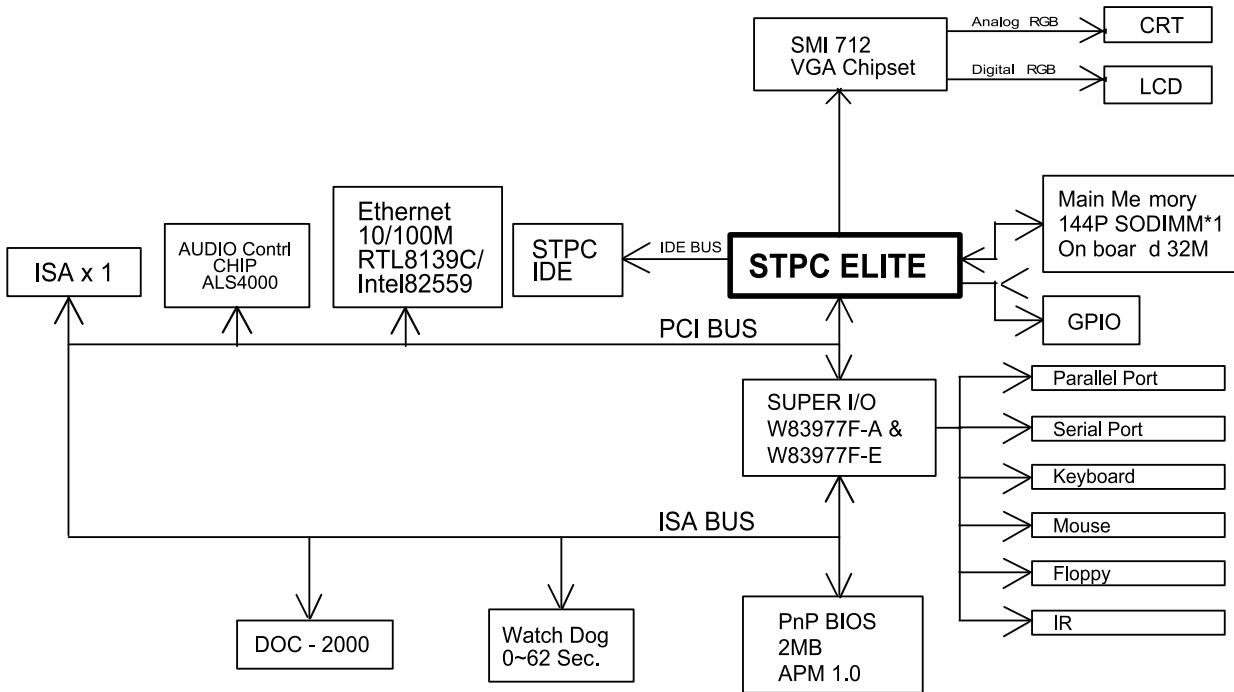
Dimensions (L x W)	145 mm x 102 mm (5.7" x 4")
Power supply Voltage	+5V± 5%, Max. : 3A @ +5V Typical: 1.65A @ +5V (for Elite-133 W/ 32MB DRAM) 1.3A @ +5V (for PCM-5820-E0B2)
Operating temperature	0 - 60°C (32-140° F)
Operating Humidity	0% - 90% Relative Humidity, noncondensing
Weight	0.75 kg (weight of total package)

Ethernet (PCM-9340F nad PCM-9340N)

Chipset	RealTek 8139C
Interface	IEEE 802.3u 100 BASE-T Fast Ethernet compatible Built-in boot ROM in Flash BIOS

PCM-9340

Board Diagram



Packing List

• 1 PCM-9340 SBC	
• 1 Mini Jumper pack [conts.: 10pcs]	(p/n: 9689000002)
• 1 Keyboard & mouse cable 6P-6P-6P	(p/n: 1700060202)
• 1 Cable for LPT port	(p/n: 1700260250)
• 1 COM2 cable	(p/n: 1701140200)
• 1 FDD cable	(p/n: 1701340603)
• 1 HDD cable	(p/n: 1701440504)
• 1 COM3/COM4	(p/n: 1701200220)
• Start up manual	
• Utility CD	

Ordering Information

Standard	
PCM-9340F-OCA1	ST 486 SBC with Elite-133 CPU, 32 MB, VGA/LCD, LAN
PCM-9340N-OCA1	Same as PCM-9340F-OCA1, but without VGA/LCD
PCM-9340V-OCA1	Same as PCM-9340F-OCA1, but without Ethernet
Optional	
MBPC-200-9340F	MicroBox 3.5" Biscuit SBC chassis for PCM-9340F
PS-50A	50 W AC power supply for MBPC-200
PS-25D	25 W DC power supply for MBPC-200 with 486 SBC
1759203900	CPU fan DC 5 V 35 x 35 x 6 mm (Alum)