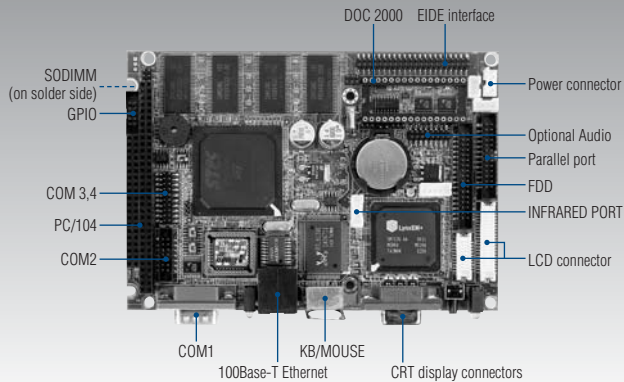


# PCM-9340

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

NEW



## Features

- Embedded ST Elite and 32 MB memory
- 10/100Base-T Ethernet
- 36-bit DSTN/TFT LCD
- 4 COM ports share one IRQ

## Specifications

- **CPU** Onboard ST Elite-133 processor, optional Consumer II
- **System Memory** 32 MB SDRAM on board, optional SODIMM Socket. Max up to 64 MB
- **System Chipset** ST Elite
- **BIOS** AWARD 256 KB Flash BIOS
- **SSD** Supports DiskOnChip®
- **Watchdog Timer** Software enable/disable. 2 to 62 sec.
- **Expansion Interface** PC/104
- **Battery** Lithium 3 V/ 195 mA

### 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 programmable general purpose I/O
- **Audio** Optional, ALI AS4000 chip, AC'97 ver. 2.0 compliant
- **USB** N/A

### Ethernet (PCM-9340F and PCM-9340N)

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



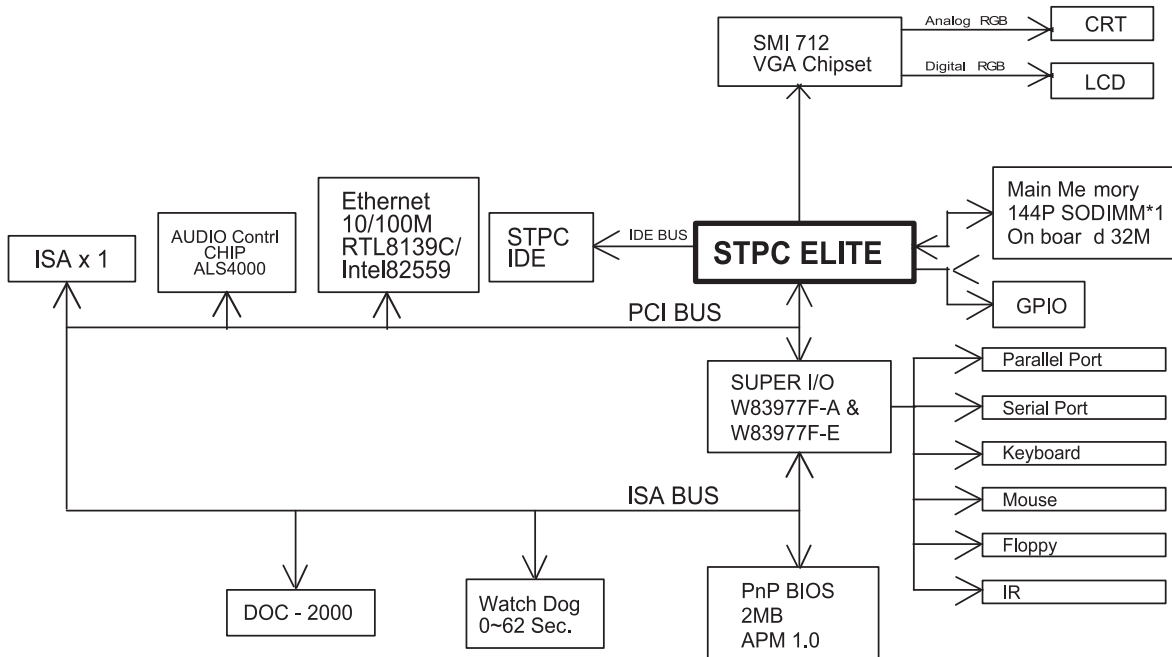
### Display (PCM-9340F and PCM-9340V)

- **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

### Mechanical and Environmental

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

## Board Diagram



- 1 System on Module Solutions
- 2 Single Board Computers and Accessories
- 3 PC/104 Modules
- 4 Slot CPU Cards and Accessories
- 5 AIMB/POS Control Boards
- 6 Internet Security Platforms
- 7 Embedded Software
- 8 Appx

## Packing List

- 1 PCM-9340 SBC
- 1 Mini Jumper pack [count.: 10 pcs] (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)
- Startup manual
- Utility CD

## Ordering Information

### Standard

- **PCM-9340F-0CA1** ST 486 SBC with Elite-133 CPU, 32 MB, VGA/LCD, LAN
- **PCM-9340N-0CA1** Same as PCM-9340F-0CA1, but without VGA/LCD
- **PCM-9340V-0CA1** Same as PCM-9340F-0CA1, 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)