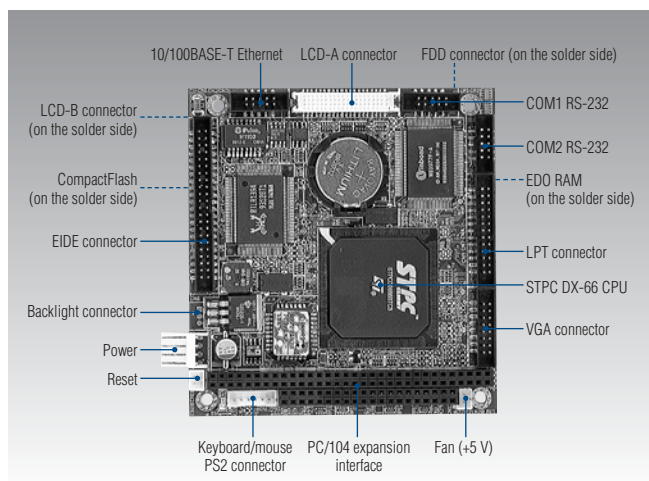


PCM-3346

486 DX-66 CPU Module with VGA/LCD, Ethernet & SSD



Specifications

- **CPU** ST Thomson DX-66 STPC Client
- **System Memory** 144-Pin SODIMM x 1, 8/16/32/64 MB EDO
- **BIOS** AWARD 256 KB Flash BIOS
- **SSD** CompactFlash™ Card
- **Expansion Interface** PC/104
- **Battery** Lithium 3 V/196 mAh
- **Watchdog Timer** 1.6 sec interval watchdog timer (optional flexible interval available)

I/O

- **MIO** 1 x EIDE, 1 x FDD, 1 x K/B, 1 x Mouse, 2 x RS232, 1 x LPT
- **IrDA** 1 x 115 Kbps SIR, IrDA 1.0 compliant

Ethernet

- **Chipset** Realtek RTL8139C
- **Interface** IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX Fast Ethernet Compatible
Built-in boot ROM in Flash BIOS (82559)

Features

- ST Thomas DX-66 STPC Client on board
- Supports CompactFlash™ SSD solution
- Simple, reliable fanless operation
- Windows® CE ready
- 10/100BASE-T Fast Ethernet
- 18-bit TFT LCD support
- Up to 70° C operation (optional)

Display

- **Chipset** Asiliant (C&T) 69000
- **Memory Size** 2 MB
- **Resolution** 1024 x 768 @ 16 bpp (CRT) 1024 x 768 @ 16 bpp (LCD)
- **LCD Interface** 36-bit TFT, DSTN

Mechanical and Environmental

- **Size/Weight** 96 x 90 mm (3.8" x 3.5"), 0.103 Kg (0.227 lb)
- **Power Consumption** Typical: +5 V @ 2.17 A (w/64 MB EDO SODIMM, 10 MB CFC, 1 FDD, 1 HDD, 1 VGA, 1 LCD)
Max. : +5 V @ 2.59 A (w/64 MB EDO SODIMM, 10 MB CFC, 1 FDD, 1 HDD, 1 VGA, 1 LCD)
- **Temperature** 0 ~ 70° C (32 ~ 158° F), operation
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing

1
System on Module Solutions

2
Single Board Computers and Accessories

3
PC/104 Modules

4
Slot CPU Cards and Accessories

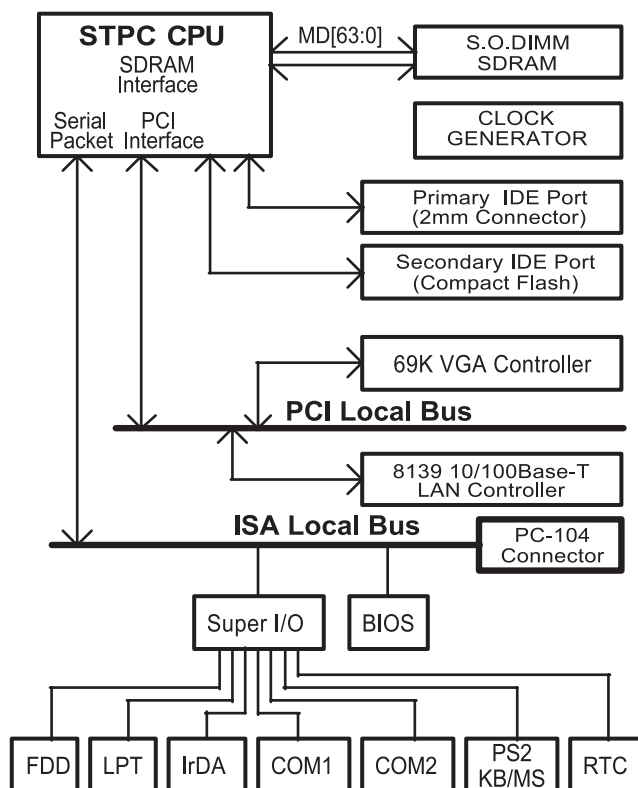
5
AIMB/POS Control Boards

6
Internet Security Platforms

7
Embedded Software

8
Appl.

Board Diagram



Packing List

- KB/Mouse Y-cable EXT cable
- KB/Mouse Y-cable (2 PS/2)
- 26-34 Pin FDD adapter
- VGA cable
- Ethernet RJ-45 connector conversion cable
- IDE (HDD) cable
- COM port cable
- LPT port cable
- Start up manual
- CD-ROM (Manual, Driver, Utility)

(p/n:1703060053)
 (p/n:1700060202)
 (p/n:9681000044)
 (p/n:1701160150)
 (p/n:1701100202)
 (p/n:1701440350)
 (p/n:1700100250)
 (p/n:1700260250)

Ordering Information

Standard

- **PCM-3346F-00A2** PC/104 486 DX-66 CPU module with VGA/ LCD, Ethernet, SSD
- **PCM-3346N-00A2** Same as PCM-3346F-00A1, but without LCD
- **PCM-3346L-00A2** Same as PCM-3346F-00A1, but without Ethernet, LCD
- **PCM-3346FCE-001** PCM-3346F with Windows® CE.3.0
- **PCM-3346Z-00A2** PCM-3346F with Phoenix Operation Gold Package

Optional

- **DIMM144-0800-E0** 144-pin SODIMM, 8 MB, EDO
- **DIMM144-1600-E0** 144-pin SODIMM, 16 MB, EDO
- **DIMM144-3200-E0** 144-pin SODIMM, 32 MB, EDO
- **9689000066** PURCH SODIMM 64 MB EDO