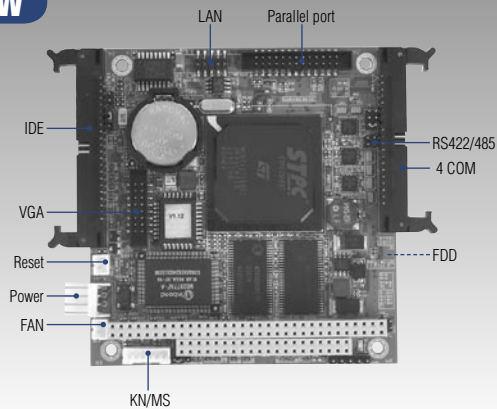


# PCM-4148FY

STPC Consumer II 133 MHz CPU  
Module with VGA/LCD, Ethernet &  
SSD, -40° C ~ +85° C

NEW



## Features

- Low Power STPC Consumer II 133, Fanless
- Onboard 64 MB SDRAM
- 4 COM ports
- Superior low power consumption requires no CPU cooling fan.
- 10/100Base-T Ethernet
- 1st designed for rugged feature, can operate under -40° C ~ +85° C and with robust connector

## Specifications

### General

- **CPU** Onboard STPC Consumer II 133 MHz
- **System Chipset** STPC Consumer II embedded
- **BIOS** AWARD® 256 KB Flash BIOS
- **System Memory** Onboard SDRAM 64 MB memory
- **SSD** Support CompactFlash® Card
- **Watch Dog Timer** 1 - 62 Sec, System reset or IRQ11
- **Expansion Interface** 1 x PC/104
- **Battery** Lithium 3 V/196 mAH

### I/O

- **I/O Interface** 1 x EIDE (44-pin Ultra DAM 33), 1 x K/B, 1 x mouse, 4 x RS-232, 1 x LPT
- **IrDA** 4 Mbps, IrDA 1.1 compliant

### Ethernet

- **Chipset** Intel 82551ER
- **Ethernet interface** RJ45
- **Speed** 10/100Base-T
- **Standard** IEEE 802.3, IEEE802.3u

### Display

- **Chipset** ST Consumer II
- **Memory Size** System memory
- **Resolution** 1280 x 1024 @ 24 bpp (CRT)

### Mechanical and Environmental

- **Dimension (L x W)** 96 x 90 mm (3.8" x 3.5")
- **Weight** 0.103 kg (0.227 lb)
- **Operating Temperature** -40° C ~ +85° C
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing

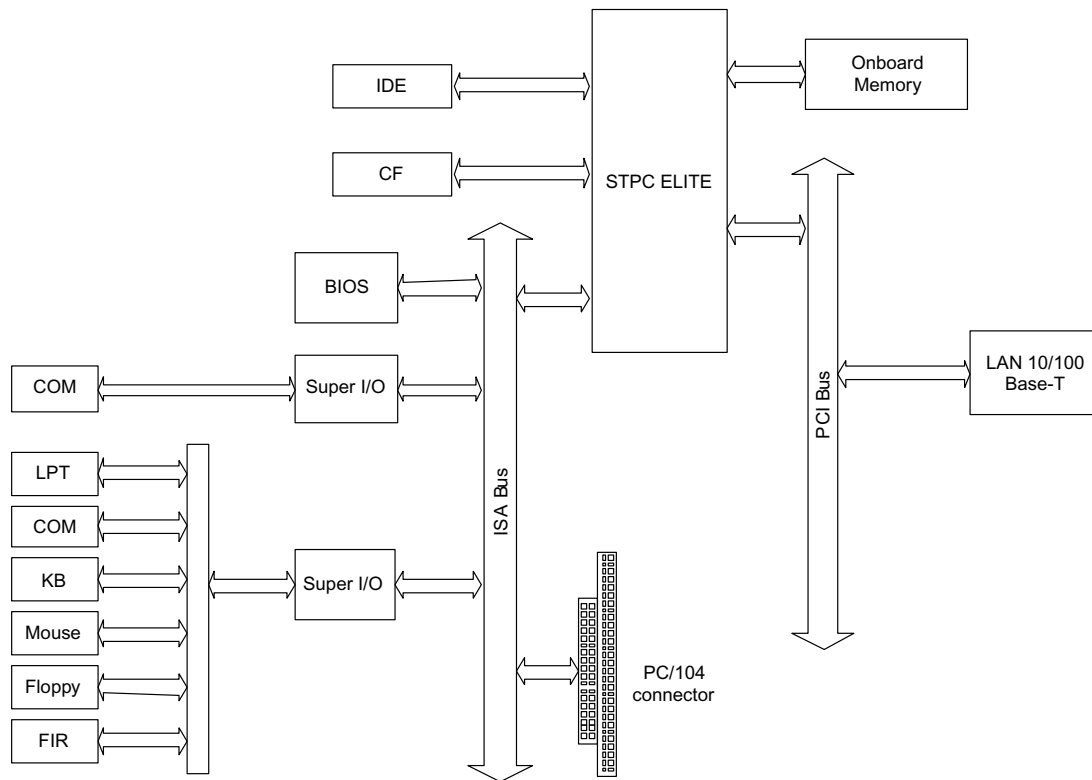
### Power

- **Power Consumption** Typical: 5 V @ 1.62  
Max: 5 V @ 2 A

## Packing List

- 1 x PCM-4148FY SBC
- 1 x KB/Mouse Y-Cable (2 PS2) (p/n:1700060202)
- 1 x RS422/485 COM Port Cable (p/n:1700090301)
- 1 x LPT port cable (p/n:1700260250)
- 1 x Ethernet RJ-45 Connector conversion cable (p/n:1701100202)
- 1 x VGA Cable (p/n:1701160150)
- 1 x FDD cable 12cm (p/n:1701260125)
- 1 x 4 COM Port cable (p/n:1701400181)
- 1 x IDE Cable 44P/44P/40P (p/n:1701440504)
- 1 x KB/Mouse Y-Cable EXT Cable (p/n:1703060053)
- 1 x FDD cable & LAN Adapter (p/n:9681000044)
- 1 x FDD Cable (p/n:1701340700)
- 3 x COM Port Cable (p/n:1700100250)
- 1 x Start up manual
- 1 x CD-ROM (Manual, Driver, Utility)

## Board Diagram



## Ordering Information

Part No.	CPU	On Board Memory	CRT	TTL	10/100	RS-232	LPT	CF	KB/MS	PCI-104 connector	PC/104 connector	Thermal Solution	Operation Temp.
PCM-4148FY-01A1	STPC Consumer II	64 MB	Yes	X	1	4	Yes	Yes	Yes	X	Yes	Passive	-40° C - +85° C

### Optional Accessories

- FFC for Slim-FDD 12cm

(p/n:1906000001)