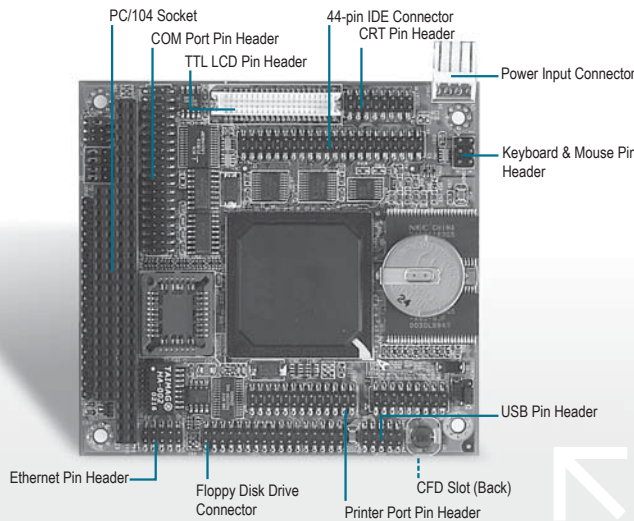


## STPC® Atlas SoC



## Features

- Onboard STPC® Atlas SoC
- 18-bit TTL TFT LCD
- Supports Type I CompactFlash™
- COM Port x 4/ USB Port x 2/ Digital I/O Port x 1
- +5V Only Operation

## Specifications

System	
Form Factor	PC/104
Processor	Onboard STPC® Atlas SoC 133MHz
System Memory	Onboard 64MB SDRAM
Chipset	STPC® Atlas
I/O Chipset	Winbond W83977
Ethernet	ADMtek AN983B, 10/100Base-TX, 5 x 2 pin header x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
Solid Storage Disk	Type I CompactFlash™ slot x 1
Expansion Interface	PC/104 socket x 1
Battery	Lithium battery
Power Requirement	+5V/AT
Power Consumption (Typical)	STPC®-DX2 133MHz, Onboard SDRAM 32MB 0.7 A@5V
Board Size	3.55" (L) x 3.775" (W) (90 mm x 96 mm)
Gross Weight	0.23 lb (0.10 kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) -13°F ~ 176°F (-25°C ~ 80°C) (Optional)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	99,513
Display	
Chipset	STPC® Atlas
Memory	Shared system memory up to 4MB with DVMT
Resolutions	Up to 1024 x 768 @ 24bpp colors for CRT Up to 800 x 600 @ 18bpp colors for LCD
LCD Interface	18-bit TTL TFT LCD
I/O	
MIO	EIDE x 1, Floppy Disk Drive x 1, Keyboard + Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
USB	One 5x2 pin header supports 2 USB1.1 ports
Digital I/O	Supports 16-bit (programmable)



## Packing List

- 9681533000 or 9681533001
  - Quick Installation Guide
  - Utility CD
  - PFM-530I
- Cable Kit**
- 1701440500 44-pin IDE Cable x 1
  - 1701340703 Floppy Disk Drive Cable x 1
  - 1701260201 Parallel Port Cable x 1
  - 1700060150 Keyboard/Mouse Cable x 1
  - 1701400205 Serial Port Cable x 1
  - 1701160201 VGA Cable x 1
  - 1709100201 USB Cable x 1
  - 1701090200 RS-422/485 Cable x 1  
(Ethernet RJ-45 Connector Conversion Cable  
Only For 9681533001)

## Ordering Information

- **TF-PFM-530I-A10**  
PC/104 Board, STPC®-A, LCD, 64MB, 4 COM, USB, CF, PC/104, AT, Rev. A1.0
- **TF-PFM-530I-A10-02**  
PC/104 Board, STPC®-A, LCD, 64MB, LAN, 4 COM, USB, CF, PC/104, AT, Rev. A1.0
- **TF-PFM-530I-A10-WT01**  
PFM-530I-A10 with WITAS I (-25°C~80°C)
- **TF-PFM-530I-A10-02-WT01**  
PFM-530I-A10-02 with WITAS I (-25°C~80°C)