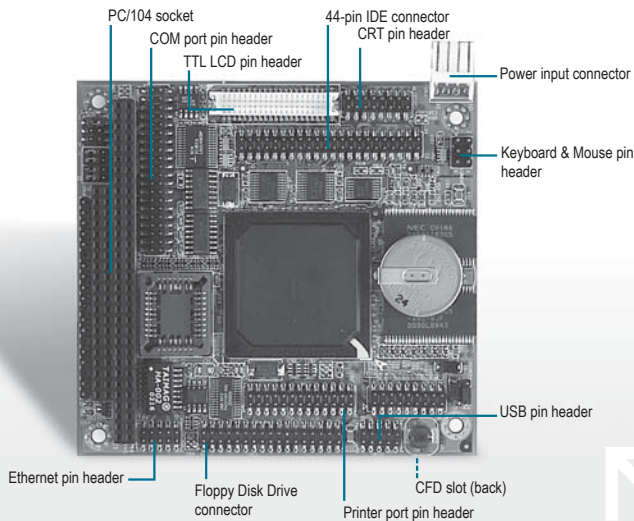


## STPC<sup>®</sup> Atlas SoC



## Specifications

System	
Processor	Onboard STPC <sup>®</sup> Atlas SoC 133MHz
System Memory	Onboard 64MB SDRAM
Chipset	STPC <sup>®</sup> Atlas
I/O Chipset	STPC <sup>®</sup> Atlas + Winbond W83977
Ethernet	ADMtek AN983B, 10/100Base-TX Ethernet pin header
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset, setting via software
SSD	Type I CompactFlash <sup>™</sup> slot x 1
Expansion Interface	PC/104 socket x 1
Battery	Lithium battery
Power Requirement	+5V/AT
Board Size	3.55"(L) x 3.775"(W) (90mm x 96mm)
Gross Weight	0.6lb (0.25kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) -13°F ~ 176°F (-25°C ~ 80°C) (Optional)
Display	
Chipset	STPC <sup>®</sup> 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 in or 16 out; Supports 8 in + 8 out

## Features

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



## Packing List

- **9681533001 or 9681533000**  
Cable Kit  
(IDE Cable, Floppy Disk Drive Cable, Parallel Port Cable, Keyboard/Mouse Cable, Serial Port Cable x 4, VGA Cable, USB Cable);  
(Ethernet RJ-45 Connector Conversion Cable Only For 9681533000 )
- **Quick Installation Guide**
- **Utility CD**
- **PFM-530I**

## Ordering Information

- **PFM-530I-A10**  
PC/104 CPU Module, STPC<sup>®</sup> Atlas 133MHz, Onboard 64MB SDRAM, CF
- **PFM-530I-A10-02**  
PC/104 CPU Module, STPC<sup>®</sup> Atlas 133MHz, Onboard 64MB SDRAM, LAN, CF
- **PFM-530I-A10-WT01**  
PFM-530I-A10 with WITAS I (-25°C~80°C)
- **PFM-530I-A10-02-WT01**  
PFM-530I-A10-02 with WITAS I (-25°C~80°C)