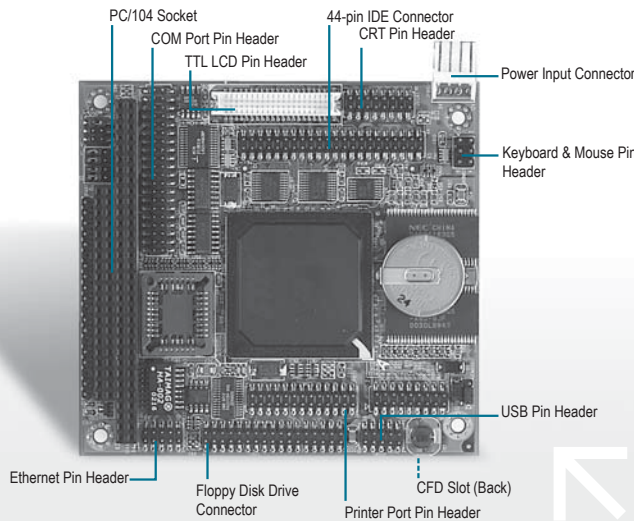


STPC® Atlas SoC



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)