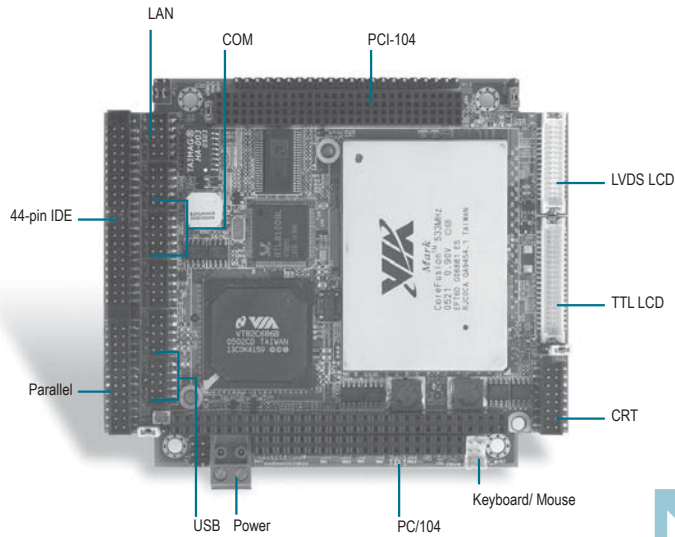


PFM-550S

VIA Mark™ Processor



Features

- Onboard VIA Mark™ Processor
- One SODIMM PC-133 Up to 512MB
- 18/24-bit TTL & 18/36-bit LVDS TFT LCD
- 10/100Base-TX Ethernet
- Type I CompactFlash™
- PC/104+ Expansion Bus
- COM Port x 2/ USB 1.1 x 4
- +5V Only Operation



Specifications

System	
Form Factor	PC/104
Processor	Onboard VIA Mark™ 533MHz Processor
System Memory	144-pin SDRAM SODIMM x 1, Max. 512MB (PC-100/133)
Chipset	VIA Mark™ + VT82C686B
Ethernet	Realtek RTL8100BL, 10/100 Base-TX
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
Expansion Interface	PC/104+ socket x 1
Power Requirement	+5V/AT
Power Consumption (Typical)	VIA Mark™ 533MHz, PC-133 512MB +5V@2.31A
Battery	Lithium battery
Board Size	4.53" (L) x 3.78" (W) (115 mm x 96 mm)
Gross Weight	0.29 lb (0.13 kg)
Operating Temperature	32°F~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F~-176°F (-40°C~-80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	100,000
Display	Supports CRT/ LCD simultaneous display
Chipset	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	Up to 1280x1024@24bpp colors for CRT Up to 1024x768@18bpp colors for LCD
LCD Interface	18/24-bit TTL, 18/36-bit LVDS TFT LCD
I/O	
Storage	EIDE x 1 (UDMA 33), Type I CompactFlash™ x 1, Floppy Disk Drive x 1
Serial Port	RS-232 x 1, RS-232/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB1.1 x 4
PS/2 Port	Keyboard + Mouse x 1
IrDA	One IrDA Tx/Rx header

Packing List

- **Cable Kit**
 - 1700060152 Keyboard/Mouse Cable x 1
 - 1701100206 COM Port Cable x 2
 - 1701160201 VGA Cable x 1
 - 1701260200 Parallel Port Cable x 1
 - 1701440500 IDE Cable x 1
 - 1709100201 USB Port Cable x 2
 - 1700100200 Ethernet Cable x 1
- **Quick Installation Guide**
- **Utility CD**
- **PFM-550S**

Ordering Information

- **TF-PFM-550S-A10 (Fanless)**
PC/104 Board, Mark™-533, LCD, SDRAM, LAN, 2 COM, USB, CompactFlash™, PC/104+, AT, Rev. A1.0

Optional Accessories

- **TF-PER-U00A-A12**
AC97 Audio Daughter Board