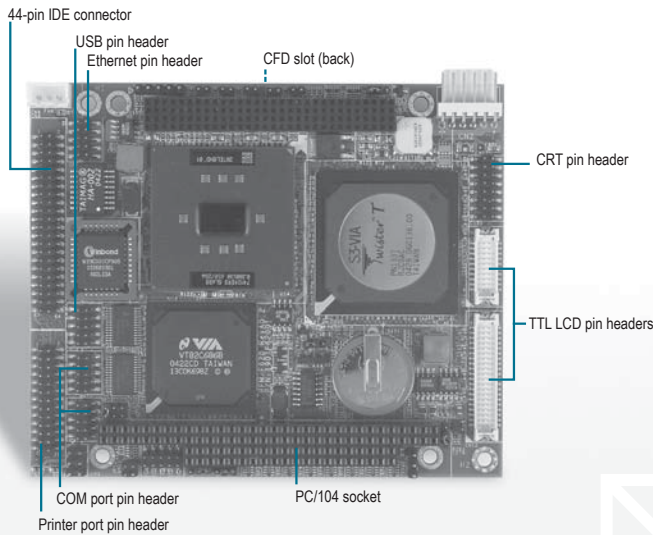


Intel[®] Ultra Low Voltage Celeron[®] Processor



Features

- Onboard Intel[®] Ultra Low Voltage Celeron[®] Processor
- 18/36-bit TTL/LVDS LCD
- 10/100Mbps Fast Ethernet
- Supports Type I CompactFlash[™]
- 2 COM / 2 USB Ports
- +5V Only Operation



Specifications

System	
Processor	Onboard Intel [®] Ultra Low Voltage Celeron [®] 400/650MHz Processor
System Memory	144-pin SDRAM SODIMM x 1, Max. 512MB (PC-100/133)
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	VIA VT82C686B
Ethernet	Realtek RTL8100BL, 10/100Base-TX RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
SSD	Type I CompactFlash [™] slot x 1
Expansion Interface	PC/104 for fanless heatsink, PC/104+ for heatsink with fan
Battery	Lithium battery
Power Requirement	+5V/AT
Board Size	4.53" (L) x 3.78" (W) (115mm x 96mm)
Gross Weight	0.66lb (0.3kg)
Operating Temperature	32°F~ 122°F (0°C ~ 50°C) for fanless heatsink 32°F~ 140°F (0°C ~ 60°C) for heatsink with fan
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	18/36-bit TTL/LVDS TFT LCD (TTL for Rev. A, LVDS for Rev. B)
I/O	
MIO	EIDE x 1 (UDMA33 x 1), Keyboard+Mouse x 1, RS-232 x 1, RS-232/422/485 x 1 (+5V output option on RI signal), Parallel x 1
IrDA	One IrDA TX/RX header
Audio	MIC-in, Line-in, Line-out (Optional Audio Decoder Daughter Board required)
USB	One 5x2 pin header supports 2 USB 1.1 ports

Packing List

- Cable Kit (IDE, Serial Port x 2, Parallel Port, Keyboard/Mouse, VGA, RJ-45 Conversion Cable, USB Cable)
- Quick Installation Guide
- Utility CD
- PFM-620S

Ordering Information

- **PFM-620S-A10**
PC/104, UV ICP 400, SDM, TTL LCD, LAN, 2COM, USB, CF, PC/104, AT, Rev.A1.0
- **PFM-620S-A10-01**
PC/104, UV ICP 650, SDM, TTL LCD, LAN, 2COM, USB, CF, PC/104+, AT, Rev.A1.0
- **PFM-620S-B10**
PC/104, UV ICP 400, SDM, LVDS LCD, LAN, 2COM, USB, CF, PC/104, AT, Rev.B1.0
- **PFM-620S-B10-01**
PC/104, UV ICP 650, SDM, LVDS LCD, LAN, 2COM, USB, CF, PC/104+, AT, Rev.B1.0

Optional Accessories

- **PER-U00A-A12**
AC-97 Audio Daughter Board