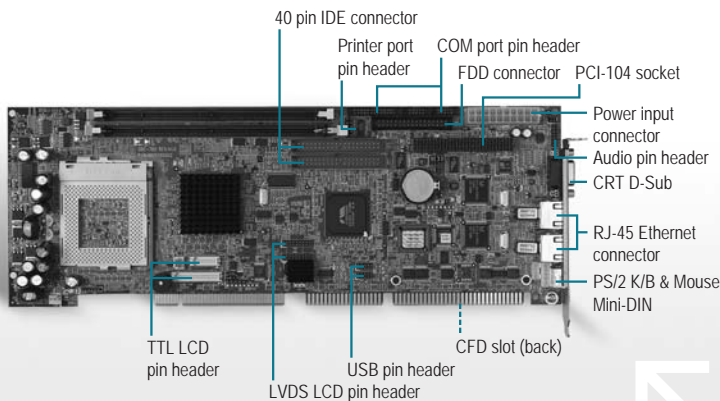


# SBC-780

## Intel® Pentium® III PICMG Full-size SBC



### Specifications

System	
CPU	Socket 370-based Intel® Pentium® III (.13µ / .18µ) and Celeron® processors (.13µ / .18µ) support up to 1.4GHz with FSB 66/100/133MHz ; VIA C3™ processor
System Memory	168-pin SDRAM DIMM x 2, Max. 1GB (PC 66/100/133)
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	VIA VT82C686B
Ethernet	Realtek 8139DL, 10/100Base-TX RJ-45 connector x 2
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
SSD	Type II CompactFlash™ slot x 1
Expansion Interface	PICMG, PCI-104 socket x 1
Battery	Lithium battery
Power Requirement	+5V, +12V, AT/ATX
Board Size	13.3"(L) x 4.8"(W) (338mm x 122mm)
Gross Weight	1.2lb (0.5kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chipset	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	up to 1600x1200@16bpp colors for CRT up to 1024 x 768 @18bpp colors for LCD
LCD Interface	up to 36-bit dual channel TTL/LVDS TFT/DSTN LCD
I/O	
MIO	EIDE x 2(UDMA100 x 2), Floppy Disk Drive x 1, Keyboard + Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out / Speaker-out
USB	Two 5x2 pin headers supports 4 USB 1.1 ports

### Features

- Supports Socket 370-based Intel® Pentium® III and Celeron® Processors ; VIA C3™ Processor
- 36-bit Dual Channel TTL/LVDS TFT/DSTN LCD
- AC-97 High-quality Audio
- Supports PCI-104 Slot
- Supports Type II CompactFlash™ Memory
- 2 COM / 4 USB



### Packing List

- 1701400453 ATA100 Cable
- 1701340702 FDD Cable
- 1701010302 Parallel+Serial Port Cable
- 1700060192 K/B and Mouse Cable
- 1709140301 Audio+Serial Port Cable
- 1709100201 USB Cable
- Quick Installation Guide
- Utility CD
- SBC-780

### Ordering Information

- SBC-780-A10**  
Full-size CPU Card, FC-PGA2, TTL/LVDS LCD, PCI-104, Dual LAN, AC97, CF, 4 USB 1.1, Rev.A1.0
- SBC-780-A10-01**  
Full-size CPU Card, FC-PGA2, TTL/LVDS LCD, LAN, 4 USB 1.1, Rev.A1.0

### Optional Accessories

- 1759200152**  
CPU Cooler Fan + Heat Sink, FCPGA, 3P, 12V, 1U Low Profile
- 1759200329**  
CPU Cooler for Socket 370, 3P, 12V, H=22mm
- 1702200201**  
Conversion Cable for ATX to AT Power Supply (200mm) for HSB-657I/660, MB-662, PCM-6892/6893/6898, SBC-657/659/659P/780
- PCM-3533**  
Audio Module with Bracket, Rev. A1.0
- PCM-3538R-B10**  
Daughter Board 18/24/36/48bit TTL Receiver, Rev.B1.0
- PCM-3538T-A10**  
Daughter Board TTL Transmitter, Rev.A1.0
- AEC-206G2**  
6-slot Industrial Wallmount Chassis, PICMG, 200W, ATX 12V, BP-206SG-P3-V61
- AEC-206G2-01**  
6-slot Industrial Wallmount Chassis, PICMG, 300W, ATX 12V, BP-206SG-P3-V61

- Full-size SBC
- Half-size SBC
- Embedded Motherboards
- Mini PCI Modules
- Industrial backplanes
- Industrial Chassis
- Sun-readable LCD Monitors
- Accessories