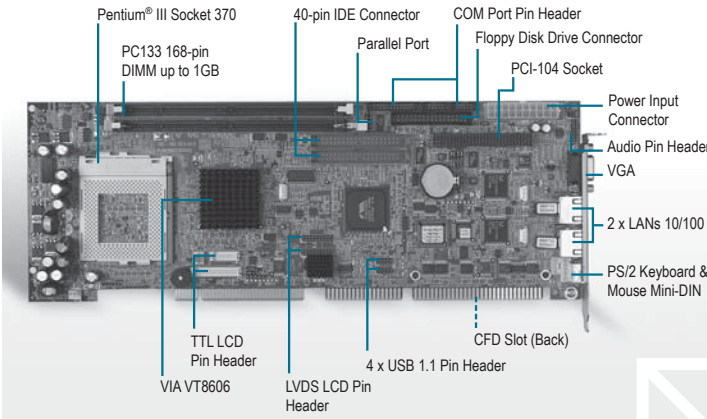


SBC-780

Intel® Pentium® III Socket 370 1.4GHz/ Celeron® PICMG Full-size SBC

Features

- Supports Socket 370-based Intel® Pentium® III and Celeron® Processors
- 36-bit Dual Channel TTL/ LVDS TFT/ DSTN LCD
- AC97 High-quality Audio
- Supports PCI-104 Slot
- Supports Type II CompactFlash™
- 2 COM/ 4 USB



Specifications

System	
Form Factor	PICMG Full-size SBC
Processor	Socket 370-based Intel® Pentium® III (.13µ/.18µ) and Celeron® processors (.13µ/.18µ) support up to 1.4GHz with FSB 66/100/133MHz
System Memory	168-pin SDRAM DIMM x 2, Max, 2GB (PC 66/100/133)
Main Chipset	VIA VT8606 + VT82C686B
Ethernet	Realtek 8139DL, 10/100Base-TX RJ-45 connector x 2
BIOS	AWARD 256KB FLASH ROM
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
Watchdog Timer	Generates a time-out system reset
Battery	Lithium battery
Power Requirement	AT/ATX
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size	13.3"(L) x 4.8"(W) (338mm x 122mm)
Gross Weight	1.2 lb (0.5kg)
MTBF (Hours)	126,605
Power Consumption (Typical)	39W, with Pentium® III 1.3GHz/ FSB 133MHz/ 512KB L2 Cache
Display	
Supports CRT and LCD simultaneous display	
VGA Controller	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	CRT: 1920x1440 LCD: 1600x1200
LCD Interface	18/36-bit TTL/LVDS/TFT/DSTN
I/O	
I/O Chipset	VIA VT82C686B
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out/ Speaker-out
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
USB	Two 5x2 pin headers support 4 USB 1.1 ports

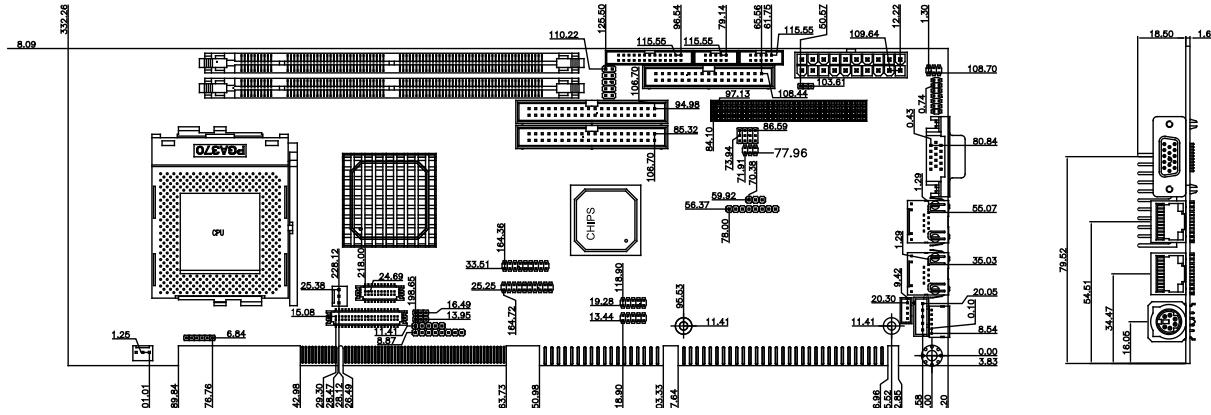
Packing List

- **1701400453**
ATA100 Cable
- **1701340702**
Floppy Disk Drive Cable
- **1701010302**
Parallel+Serial Port Cable
- **1700060192**
Keyboard and Mouse Cable
- **1709140301**
Audio+Serial Port Cable
- **1709100201**
USB Cable
- **Quick Installation Guide**
- **Utility CD**
- **SBC-780**

Ordering Information

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

Dimension Unit: mm



Passive Backplane Options

P/N	Description	Master Interface	Slots	Power Connector, ATX Extend Function
TF-BP-213RG-P4-A11	Rackmount, PICMG, 13-slot R.PCI Backplane, 4 PCI/7 ISA, Single Segment, AT/ATX, Rev. A1.1	PICMG	4/8/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-214SG-P4-A11	Rackmount, PICMG, 14-slot Backplane, 4 PCI/ 8 ISA, Single Segment, AT/ATX, Rev. A1.1	PICMG	4/9/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-214SG-P7-A11	Rackmount, PICMG, 14-slot Backplane, 7 PCI/ 5 ISA, Single Segment, AT/ATX, Rev. A1.2	PICMG	7/6/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-214SG-P12-A11	Rackmount, PICMG, 14-slot Backplane, 12 PCI/1 ISA Single Segment, AT/ATX, Rev. A1.1	PICMG	12/2/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-208SG-P4-A11	Wallmount, PICMG, 8-slot Backplane, 4 PCI/ 2 ISA, Single Segment, AT/ATX, Rev. A1.1	PICMG	4/3/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-208SG-P7-A11	Wallmount, PICMG, 8-slot Backplane, 7 PCI/ 0 ISA, Single Segment, AT/ATX, Rev. A1.1	PICMG	7/0/1 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-206VG-P4-A11	Rackmount, PICMG, 6-slot Backplane, 4 PCI/ 0 ISA, Single Segment, AT/ATX, Rev. A1.1	PICMG	4/0/1 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-206VG-P2-A10	Rackmount, PICMG, 6-slot Backplane, 2 PCI/ 3 ISA, Single Segment, ATX, Rev. A1.0	PICMG	2/3/1 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-206SG-P4-A11	Wallmount, PICMG, 6-slot Backplane, 4 PCI, 2 ISA, Single Segment, ATX, Rev. A1.1	PICMG	4/2/2 (PCI/ ISA/ PICMG)	AT, ATX, 3-pin ATX extend
TF-BP-206SG-P3-A11	Wallmount, PICMG, 6-slot Backplane, 3 PCI, 3 ISA, Single Segment, ATX, Rev. A1.0	PICMG	3/3/2 (PCI/ ISA/ PICMG)	ATX, 3-pin ATX extend

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-657/660, MB-662, PCM-6892/6893/6898, SBC-657/659/659P/780