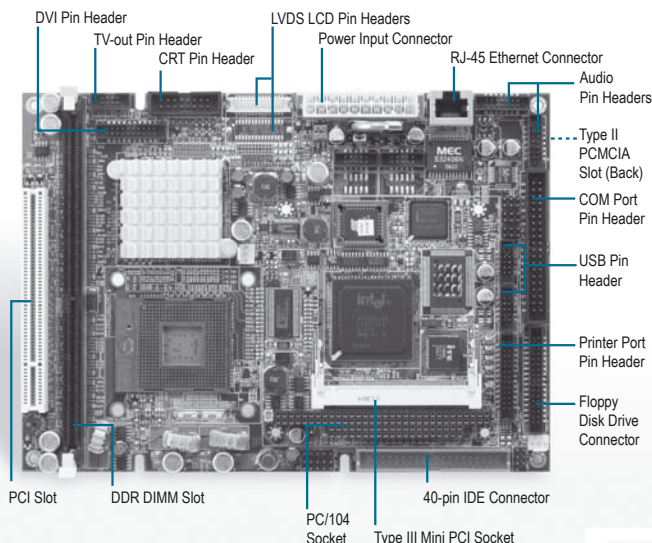


Intel® Pentium® M/ Celeron® M Processors



Specifications

System	
Form Factor	5.25"
Processor	Supports Intel® Pentium® M/ Celeron® M up to 1.8GHz/ Onboard ULV Intel® Celeron® M processors at 600MHz and 1 GHz, with FSB 400 MHz
System Memory	184-pin DDR DIMM x 1, max 1GB (DDR-266/333)
Chipset	Intel® 852GM + ICH4
I/O Chipset	ITE IT8712
Ethernet	Intel® 82551, 10/100Base-TX, RJ-45 x 1 (Gigabit LAN optional)
BIOS	AWARD 512KB Flash ROM
Wake On LAN	Yes (Intel® 82551ER does not support)
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Solid Storage Disk	Type II CompactFlash slot x 1
Expansion Interface	Mini PCI x 1, PCI x 1, PC/104 x 1
Battery	Lithium battery
Power Requirement	+5V / AT / ATX
Power Consumption (Typical)	Intel® Pentium® M 1.6GHz CPU 5.39A@5V 0.34A@12V
Board Size	8" (L) x 5.72" (W) (203mm x 146mm)
Gross Weight	1.2 lb (0.5 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)	57,519
Display	
Chipset	Intel® 852GM + Chromtel 7009
Memory	Shared system memory up to 64MB with DVMT
Resolutions	Up to 1600x1200 @ 32bpp for CRT Up to 1280 x 1024 @ 24bpp for LCD
LCD Interface	Up to 48-bit Dual channel LVDS TFT LCD (24-/48-bit optional)
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
DVI	Yes
I/O	
MIO	EIDE x 1 (UDMA-100 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
Audio	MIC-in, Line-in, Line-out, CD-IN S/P DIF In/Out, Stereo Amplifier included
USB	Two 5x2 box headers support 4 USB2.0 ports
Digital I/O	Supports 16-bit (programmable)

Features

- Supports Socket 478 Intel® Pentium® M/ Celeron® M/ Onboard ULV Intel® Celeron® M Processors at 600MHz and 1GHz
- Supports One DIMM DDR 266/333 up to 1GB
- Supports Dual Channel LVDS, DVI and TV-out, (2nd LVDS Optional)
- Supports One 10/100Base-TX Ethernet (Gigabit LAN Optional)
- Supports Mini PCI, PCI and PC/104
- Supports IDE, RS-232/422/485, Parallel
- Supports AC97 3D Surround 5.1 Channel
- Supports 4 USB2.0, 16-bit Digital I/O, IrDA



Packing List

- 9657666600
Jumper Cap
- 1759200157
CPU Cooler Fan + Heatsink (For Socket Type Only)
- Quick Installation Guide
- Utility CD
- PCM-8152

Ordering Information

- TF-PCM-8152-A10**
5.25" Board, UV Celeron® M 600, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB2.0, CF, Mini PCI, PCI & PC/104, Rev.A1.0
- TF-PCM-8152-A10-01**
5.25" Board, Socket 478, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB2.0, CF, Mini PCI, PCI & PC/104, Rev.A1.0
- TF-PCM-8152-A10-02**
5.25" Board, UV Celeron® M 1.0G, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB2.0, CF, Mini PCI, PCI & PC/104, Rev.A1.0

Optional Accessories

- TF-PER-0103**
Cable Kit for PCM-8150
- TF-PER-C10L-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- TF-PER-C10L-A10-01**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Realtek 8110S
- TF-PER-C10L-A10-02**
Mini PCI 10/100 Base-TX Ethernet Module with Intel® 82551QM
- TF-PER-C10L-A10-03**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel® 82541GI
- TF-PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- TF-PER-V30C-A10**
Mini PCI Single Channel Capture Module with Philips SAA7135
- TF-PER-C40C-A10**
Mini PCI 2-port RS-232 Module Rev. A1.0
- TF-PER-C40C-A10-01**
Mini PCI 4-port RS-232 Module Rev. A1.0