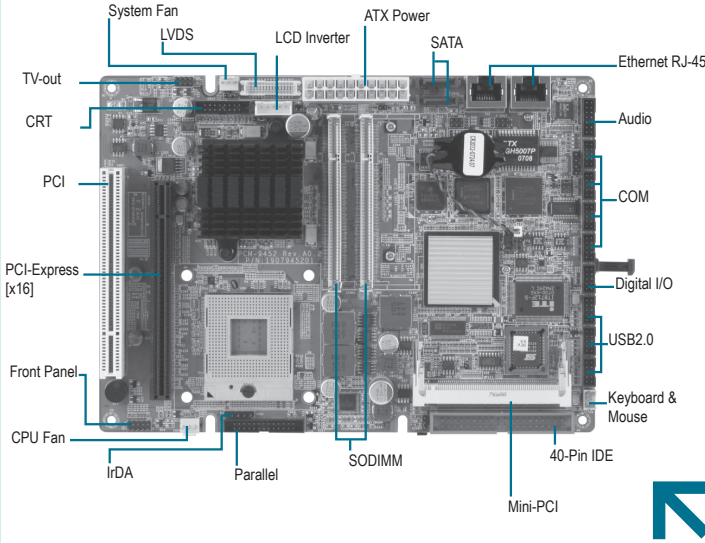


PCM-9452

Compact Board with Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M Processors

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Compact Boards



Features

- Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M Processors
- Intel® 945GME + ICH7M
- DDRII 400/533/667 SODIMM Memory Up to 4GB
- 10/100Base-TX x 1 + Gigabit Ethernet x 1 (Optional Dual Gigabit Ethernet)
- 18-bit Dual-channel LVDS TFT LCD, TV-Out, CRT
- AC97 5.1CH Audio, Stereo Amplifier
- EIDE x 1, Type II CompactFlash™ x 1, SATA II x 2 (Optional RAID 0 & RAID 1)
- USB2.0 x 6, COM x 4, 8-bit Digital I/O
- PCI-Express [x16], PCI x 1, Mini PCI x 1, PCMCIA x 1
- ATX
- Optional TPM 1.2



Specifications

System	
Form Factor	5.25"
Processor	Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M Processors, FSB 533/667 MHz
System Memory	200-pin SODIMM x 2, DDRII 400/533/667 up to 4GB
Chipset	Intel® 945GME + ICH7M (DH optional for RAID)
I/O Chipset	ICH7M + ITE8712F-KX
Ethernet	Intel® 82573L, 10/100/1000Base-TX, RJ-45 x 2, 10/100Base-TX (optional)
BIOS	Award Plug & Play BIOS – 1 MB ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltages, Fan Speed and Temperature Monitoring
Expansion Interface	Mini PCI x 1, PCI x 1, PCI-Express [x1] or [x16] x 1
Battery	Lithium battery
Power Requirement	ATX
Power Consumption (Typical)	T7400 2.16 GHz, DDR II 667 2 GB 2.96A@+12V, 3.72A@+5V
Board Size	8" (L) x 5.75" (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)	60,000
Display	
Display	Supports CRT/LCD, CRT/TV, LCD/TV, simultaneous/ Dual view display
Chipset	Intel® 945GM
Memory	Shared system memory up to 224MB w/DVMT3.0
Resolutions	Up to 2048x1536 @ 32bpp for CRT Up to 1280 x 1024 @ 36bpp for LCD
LCD Interface	18-bit dual-channel LVDS TFT LCD
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
I/O	
Storage	EIDE x 1 (UDMA 100 for one device), SATA II x 2, PCMCIA x 1, Type II CompactFlash™ x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP mode
USB	USB2.0 x 6
PS/2 Port	Keyboard + Mouse x 1
Digital I/O	Supports 8-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in, Stereo Amplifier included

Packing List

- 9657666600
Jumper Cap
- 1759294520
CPU Cooler Fan + Heatsink
- Quick Installation Guide
- Utility CD
- PCM-9452

Ordering Information

- **TF-PCM-9452-A10**
5.25" board, Socket-478M, LVDS-TV, 10/100 & Gigabit Ethernet, Audio, 4COM, 6USB, CompactFlash™, Mini-PCI, PCI-E [x16], PCMCIA, Rev.A1.0

Optional Accessories

- **TF-PER-K001**
Cable Kit for PCM-9452
- **TF-PER-C10L-A10**
Mini PCI 10/100Base-TX Ethernet Module with Realtek 8100C
- **TF-PER-C10L-A10-01**
Mini PCI 10/100/1000Base-TX Ethernet Module with Realtek 8110S
- **TF-PER-C10L-A10-02**
Mini PCI 10/100Base-TX Ethernet Module with Intel® 82551QM
- **TF-PER-C10L-A10-03**
Mini PCI 10/100/1000Base-TX Ethernet Module with Intel® 82541GI
- **TF-PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- **TF-PER-V30C-A11**
Mini PCI Single Channel Capture Module with Philips SAA7135
- **TF-PER-C40C-A11**
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
- **TF-PER-1110-A10**
Riser Card for PCI 2-slot
- **TF-PER-V05V-A10**
Mini PCI VGA Card
- **1759294520**
Cooler, Silver, 60mm x 60mm x 23mm, Dataguard