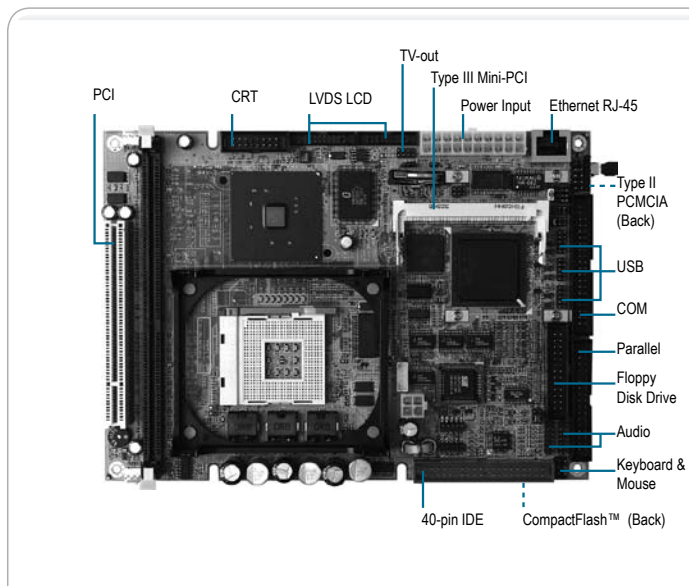


■ Compact Board with Intel® Pentium® 4/ Celeron® Processors

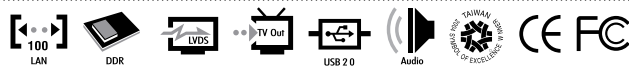


Specifications

System	
Form Factor	5.25"
Processor	Intel® Socket-478M-based Pentium® 4 processor/ Intel® Pentium® 4 processor M (.13µ/.18µ)/ Intel® Celeron® (.13µ/.18µ) processor supports up to 2.8 GHz with FSB 400/533 MHz
System Memory	184-pin DDR DIMM x 1, Max. 1 GB(DDR 266/333)
Chipset	Intel® 845GV + ICH4
I/O Chipset	ITE IT8712
Ethernet	Intel® 82562, 10/100Base-TX, RJ-45 x 1
BIOS	Award 512 KB FLASH 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, PCMCIA x 2
Battery	Lithium battery
Power Requirement	ATX
Power Consumption (Typical)	Intel® Pentium® 4 2.4 GHz, DDR 333 512 MB 3.6A@+12V, 0.4A@+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)	40,000
Display	
	Supports CRT/ LCD simultaneous display Supports screen image rotation
Chipset	Intel® 845GV + Chrontel 7017
Memory	Shared system memory up to 64 MB with DVMT
Resolutions	Up to 1600x1200@32bpp colors for CRT Up to 1280x1024@24bpp colors for LCD
LCD Interface	Up to 24-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 two devices), Type II CompactFlash™ x 1, Floppy Disk Drive 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 x 1, Mouse x 1
Digital I/O	Supports 16-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, Speaker-out, 5.1CH

Features

- Intel® Socket-478M-based Pentium® 4, Celeron® Processors
- Intel® 845GV + ICH4
- DIMM DDR 266/333, Up To 1 GB
- 10/100Base-TX Ethernet x 1
- Up To 24-bit Dual-channel LVDS LCD, CRT
- AC97 5.1CH Audio
- Type II CompactFlash™ x 1, EIDE x 1, Floppy Disk Drive x 1
- COM x 4, USB2.0 x 6, 16-bit Digital I/O x 1
- Type II PCMCIA x 2, Mini-PCI x 1, PCI x 1
- ATX



Packing List

- 9657666600
Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-8500

Ordering Information

- **TF-PCM-8500-A11**
5.25" Board, Socket Pentium® 4 Desktop 478, LCD-TV, DDR, LAN, Audio, 4COM, USB2.0, CompactFlash™, Mini-PCI, ATX, Rev.A1.1

Optional Accessories

- **1759200153**
CPU Cooler Fan + Heat Sink, Socket-478M, 3P, 12V, 2U Low Profile (43mm height), up to P4 3.2 GHz
- **1759200154**
CPU Cooler Fan + Heat Sink, Socket-478M, 3P, 12V, 1U Low Profile (24mm height), up to P4 2.2GHz
- **TF-PER-0101**
Cable Kit for PCM-8500
- **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-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