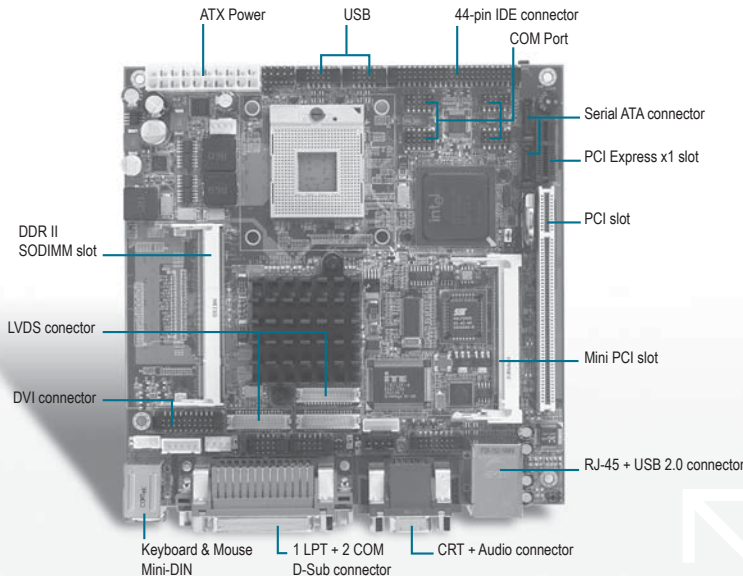


Mini-ITX Board with Intel[®] Core Duo/ Core Solo Processor



Specifications

System	
Processor	Supports Socket 478 or onboard Intel [®] Core Duo Processors up to 2.0 GHz with FSB 667 MHz (T2500)/ Intel [®] Core Solo Processors
System Memory	DDR II SODIMM Socket x 2, total up to 2GB
Chipset	Intel [®] 945GM + ICH7M
I/O Chipset	ITE 8712 + Fintek F81216D
Ethernet	Marvell 88E8053 RJ-45 x 1
BIOS	Award Plug & Play BIOS – 512KB ROM
Watchdog Timer	ITE 8712
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Solid Storage Disk	Type II CompactFlash™ slot x 1
Expansion Interface	One PCI slot, One PCI-E(x1), One Mini PCI socket
Power Requirement	ATX (+3.3V, +5V, +12V)
Board Size	6.7"(L) x 6.7"(W) (170 mm x 170 mm)
Operating Temperature	32°F~ 140°F (0°C ~ 60°C)
Display	
Chipset	Intel [®] 945GM
VGA/LCD Controller	1. Intel [®] 945GM integrated VGA, Share memory up to 224MB with DVMT LCD supports 18/36-bit LVDS 2. Chronitel 7307 for DVI support 3. Chronitel 7308 for 24/48-bit LVDS support
TV-out	Intel [®] 945GM integrated
I/O	
MIO	Six COM ports:(Four 5x2-pin header, Two D-sub onboard) COM 1/ 3/ 4/ 5/ 6: RS-232, COM 2: RS-232/RS-422/RS-485. Provide +5V & +12V output options on COM2 RI signals.
IrDA	Supports One IrDA header
Audio	Realtek ALC655 CODEC MIC-In/ Line-In/ Line-out, S/PDIF In/Out
ATA Interface	PATA-33 (44Pin) x 1, SATA x 2
USB	Six USB 2.0 Ports Two 5x2 pin header for Internal, Two Type-A USB connector for External
Parallel Port	Supports SPP/ EPP/ ECP mode
K/B and Mouse	Mini-DIN PS/2 Keyboard and Mouse connector x1
Digital I/O	Up to 8 in or 8 out

Features

- Supports Socket 478 or Onboard Intel[®] Core Duo Processors up to 2.0 GHz (T2500)/ Intel[®] Core Solo Processors
- Two SODIMM Slots Support DDR II Memory up to 2GB
- Supports 18/24/36/48-bit LVDS Panel, Share Memory up to 224MB with DVMT
- One PCI-E 10/100/1000 Base-TX Ethernet and 6CH AC-97 Audio
- Supports Typell CFD
- One PCI Slot, One PCI-E x 1 Slot and One Mini PCI Socket
- Serial Port x 6, Parallel Port x 1, SATA x 2, ATA33 x 1, USB 2.0 x 6, Digital I/O
- LCD Inverter Connector with Brightness Control
- Supports Enhanced Intel[®] SpeedStep Technology
- RoHS Compliance



Packing List

- 1701440500**
44-pin ATA33 Cable
- 1700200200**
DVI Cable
- 1709100201**
USB Cable
- 1701100206**
Serial Port Cable
- 1700080180**
TV-out Cable
- 9657666600**
Jumper Cap
- 1709070500**
Serial ATA Cable
- 1702150150**
Serial ATA Power Cable
- Quick Installation Guide**
- Utility CD**
- EMB-945T**

Ordering Information

- TF-EMB-945T-A10**
Mini-ITX, S-478M, LCD-DVI-TV, DDRII, GbE, Audio, 6COM, USB 2.0, CF, M-PCI, PCI-E, ATX, Rev.A1.0
- EMB-945T-A10**
Mini-ITX, S-478M, LCD-DVI-TV, DDRII, GbE, Audio, 6COM, USB 2.0, CF, M-PCI, PCI-E, ATX, Rev. A1.0

Optional Accessories

- PER-C10L-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- PER-C10L-A10-01**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8110S
- PER-C10L-A10-02**
Mini PCI 10/100 Base-TX Ethernet Module with Intel[®] 82551QM
- PER-C10L-A10-03**
Mini PCI 10/100 Base-TX Ethernet Module with Intel[®] 82541GI
- PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- PER-V30C-A10**
Mini PCI Single Channel Capture Module with Philips SAA7135
- PER-C40C-A10**
Mini PCI 2-port RS-232 Module Rev. A1.0
- PER-C40C-A10-01**
Mini PCI 4-port RS-232 Module Rev. A1.0
- PER-1110-A10-01**
Riser Card for PCI, 2-slot
- PER-C102**
PCI Express Dual Ethernet Board