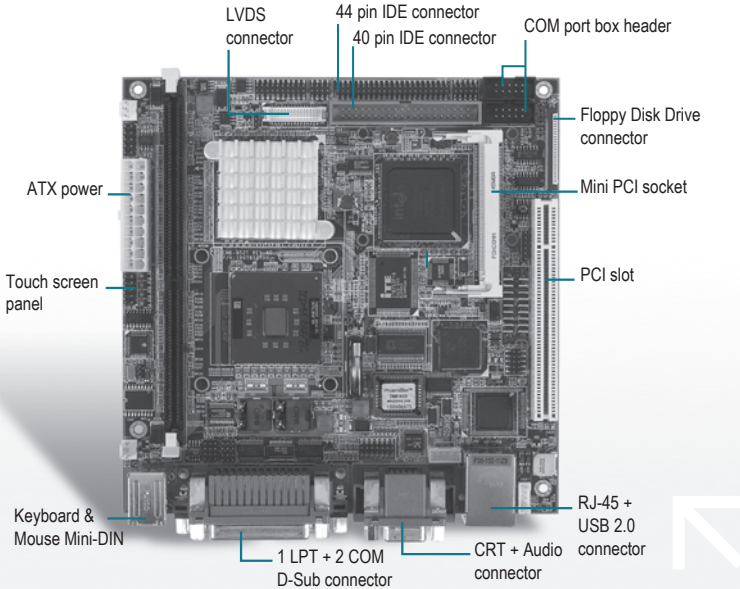


EMB-852T

Intel® Pentium® M and Celeron® M Processors



Features

- Supports Intel® Pentium® M / Celeron® M Processor up to 2.1GHz
- Supports CRT and DVI / LVDS / TV Display
- Supports 10/100Mbps Ethernet
- AC-97 3D Surround 5.1 Channel Audio
- Supports Type II CompactFlash™ Memory
- 1 PCI / 1 Mini PCI / 2 PCMCIA Type II Slots
- 6 COM / 4 USB2.0 / Digital I/O Ports
- Supports 4/5/8 Wire Resistive Touch Screen Panel (Optional)
- +5V Only Operation



Specifications

System	
CPU	Supports Pentium® M / Celeron® M processor, up to 2.1GHz or Mobile Intel® Celeron® Processor at 600MHz with 0K L2 Cache
System Memory	184-pin DDR SDRAM DIMM x 1, Max. 1GB (DDR266)
Chipset	Intel® 852GM+ICH4
I/O Chipset	ITE 8712+Fintek F81216
Ethernet	Intel® 82562EZ, 10/100Base-TX RJ-45 connector x 1
BIOS	AWARD 512KB FLASH ROM
Watchdog Timer	Generate a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
SSD	Type II CompactFlash™ slot x 1
Expansion Interface	PCI slot x 1, Mini PCI x 1, PCMCIA
Battery	Lithium battery
Power Requirement	+5V. AT/ATX
Board Size	6.7"(L) x 6.7"(W) (170 mm x 170 mm)
Gross Weight	1.1 lb (0.5kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
	Supports CRT/LCD, CRT/TV, CRT/DVI, LCD/DVI and LCD/TV simultaneous display
	Supports CRT/LCD, CRT/TV, CRT/DVI, LCD/DVI and LCD/TV dual view
Chipset	Intel® 852GM
Memory	Shared memory up to 64MB with DVMT
Resolutions	Up to 1280 x 1024 @ 32 bpp colors for CRT Up to 1280 x 1024 @ 24 bpp colors for LCD
LCD Interface	Up to 48-bit dual channel LVDS
TV-out	Supports NTSC and PAL standard
I/O	
MIO	UDMA100 x 1, UDMA33 x 1, Floppy Disk Drive x 1, PS/2 Keyboard x 1 PS/2 Mouse x 1, RS-232 x 5, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out, or 5.1 Output
USB	One Type-A (dual) connector supports 2 USB 2.0 ports (External) One 5x2 pin header supports 2 USB 2.0 ports (Internal)
Digital I/O	Supports up to 8 in and 8 out

Note: All specifications are subject to change without notice.

Packing List

- 1701400453 40 Pin ATA100 Cable
- 1701440500 44 Pin ATA33 Cable
- 1700200200 DVI Cable
- 1709100201 USB Cable
- 1700140164 Audio Cable
- 1701200203 Dual COM Port Cable
- 1701100206 Serial Port Cable
- 1700080180 TV-out Cable
- P90657B000 CFD Cover
- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- EMB-852T

Ordering Information

- **EMB-852T-A10**
Mini-ITX, UV C-M 600, LCD-DVI-TV, DDR, LAN, Audio, 6COM, USB2.0, CF, M-PCI, ATX, Rev. A1.0
- **EMB-852T-A10-01**
Mini-ITX, UV C-M 600, LCD-DVI-TV, DDR, LAN, Audio, 6COM, USB2.0, M-PCI, PCMCIA, ATX, Rev.A1.0
- **EMB-852T-A10-02**
Mini-ITX, S-478M, LCD-DVI-TV, DDR, LAN, Audio, 6COM, USB2.0, CF, M-PCI, ATX, Rev.A1.0
- **EMB-852T-A10-03**
Mini-ITX, S-478M, LCD-DVI-TV, DDR, LAN, Audio, 6COM, USB2.0, M-PCI, PCMCIA, ATX, Rev.A1.0

Optional Accessories

- 1702200201 Conversion Cable for ATX to AT Power Supply
- PER-C10L Single Port Ethernet Mini PCI Card
- PER-V30C Single Port Video Capture Mini PCI Card
- PER-Y205-A10 2.5" Devices to 3.5" Devices Transfer Board