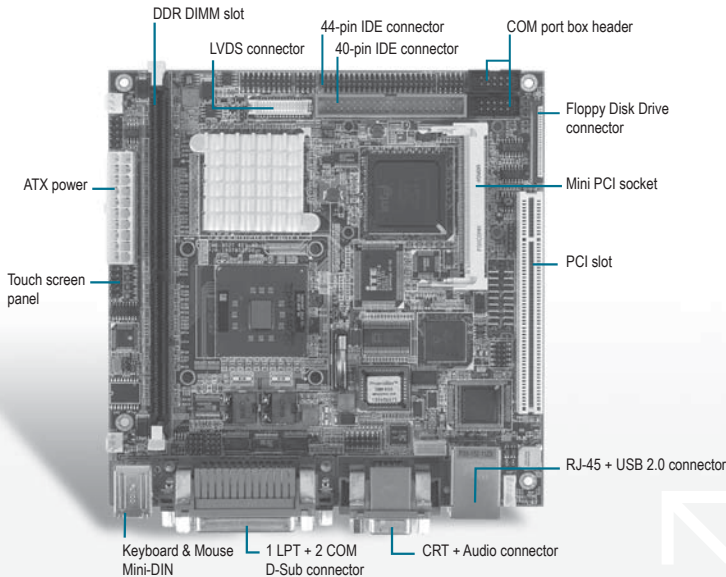


Intel® Pentium® M or Celeron® M Processors



Specifications

System	
Processor	Supports Intel® Pentium® M / Celeron® M processor, up to 2.0GHz or onboard Intel® LV/ ULV Pentium® M/ Celeron® Processor
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	Generates 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 or 8 out

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™
- 1 PCI / 1 Mini PCI / 2 PCMCIA Type II Slots
- 6 COM / 4 x USB2.0 / Digital I/O Ports
- Supports 4/5/8 Wire Resistive Touch Screen Panel (Optional)
- +5V Only Operation



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, ULV C-M 600, LCD-DVI, DDR, LAN, Audio, 6COM, USB2.0, CF, M-PCI, ATX, Rev. A1.0
- EMB-852T-A10-01**
Mini-ITX, ULV C-M 600, LCD-DVI, DDR, LAN, Audio, 6COM, USB2.0, CF, 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-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- PER-C10L-A10-01**
Mini PCI 10/100/1000 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 10/100/1000 Base-TX Ethernet Module with Intel® 82541G1
- 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-Y205-A10**
2.5" Devices to 3.5" Devices Transfer Board
- PER-1110-A10**
Riser Card for PCI, 2-slot

01

Compact Boards

02

SubCompact Boards

03

Embedded Motherboards

04

PC/104 CPU Modules

05

COM Express CPU Modules

06

ETX CPU Modules

07

RISC CPU Modules

08

Media PCs

09

Mini PCI Modules

10

PC/104 Peripheral Modules

11

Full-size SBC

12

Half-size SBC

13

Accessories