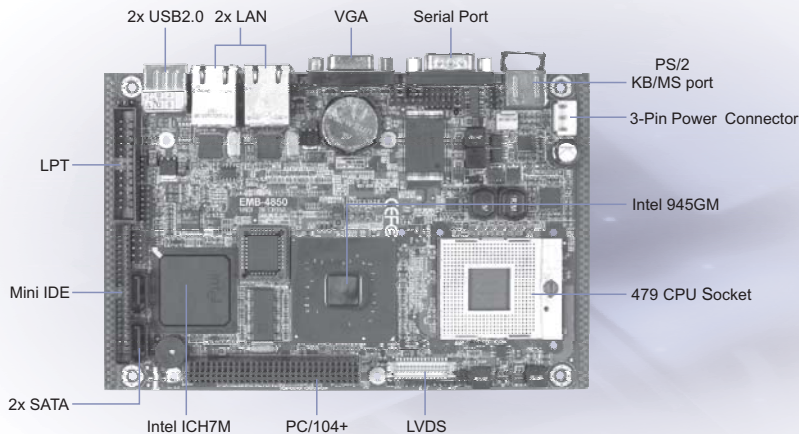


EMB-4850

Low Power EPIC Motherboard



Features :

- Intel®Core™2 Duo/Core™Duo/ Core™solo/ Celeron®with FSB 533/667MHz
- 2x 200-Pin dual channel SO-DIMM, support DDR II 400/533/667MHz, capacity up to 4GB
- 18-bit dual channel LVDS/TV-OUT/VGA Display
- TV-OUT+LVDS,VGA+LVDS support dual independent display
- 2x10/100/1000Mbps Ethernet
- HD Audio 7.1 CH
- 1x MiniIDE/2x SATA/4x USB2.0/1x LPT/ 2x COM/1x PC 104+



Fanless



DID



LVDS



USB 2.0



One Key restore



BIOS Security

Specifications

System	
Product Type	EPIC
Processor	Intel®(Socket479)Core™2 Duo/Core™Duo/ Core™solo/ Celeron®with FSB 533/667MHz
System Memory	2x 200-Pin SO-DIMM, DDR II 400/533/667MHz up to 4GB
Chipset	Intel®945GM+ICH7M
I/O Chipset	Winbond W83627HF
Ethernet	Realtek 8111B, 10/100/1000Mbps, 2x RJ-45
BIOS	AMI 4M-bit Flash BIOS
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	1x PC/104+
Battery	Lithium battery
Power Requirement	+12V
Board Size	6.50"×4.53"(165mm×115mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 95% relative humidity, on-condensing
Display	
Chipset	Intel®945GM integrated
Memory	Dynamic share 224MB system memory for graphic memory
Resolutions	Up to 2048x1536×32 bpp@85 Hz for CRT Up to 1600×1200×32bpp@60 Hz for LVDS
LCD Interface	1x 18-bit Single/Dual channel LVDS
TV-OUT	2×3 Header, Support SDTV and HDTV
Dual-Display	TV-OUT+LVDS, VGA+LVDS support dual independent display
I/O	
Storage	2×SATA, 1x Mini-IDE(UDMA 100)
Serial Port	1x RS-232, 1x RS-232/422/485, ESD protection
Parallel Port	SPP/EPP/ECP mode
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard and Mouse port
Digital I/O	Support 8-bit digital I/O (programmable)
IrDA	1x IrDA Tx/Rx Header
Audio	Realtek ALC888, Speak out, HD audio 7.1 CH

Packing List

- **0040021019**
Jumper
- **0560280029**
mini-IDE Cable
- **0600400019**
Keyboard/Mouse Cable
- **0260400019**
Seria port cable
- **0470120009**
SATA Cable
- **0260280019**
Parallel Port Cable
- **0360250019**
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **EMB-4850**

Ordering Information

- **EMB-4850-V11**
4" board, Socket-479, Intel Core Duo, AT, DDR II 400/533/667MHz, VGA+LVDS+TV-OUT, Giga Lan, 4x USB, 2x COM, 2x SATA, 1x mini-IDE, 1x LPT, 1x PC/104+ Slot, Audio, Version 1.1

Optional Accessories

- **AFC-110P2-4460810019**
Audio Card
- **AHS-303-0461910009**
CPU Cooler