



Features :

- Intel Pineview-M+ICH8M based, onboard Pineview -M processor and 1G DDRII system memory
- 1x LVDS and 3x VGA interfaces, support three independent displays.
- Three ways of storage, support IDE, SATA and onboard SSD
- 2x 1000Mbps Ethernet
- 6x USB2.0, 1x LPC, 10x COM, 1x MINI-PCIE



Fanless



LVDS



USB 2.0



One Key restore



BIOS Security

Specifications

System	
Product Type	EPIC
Processor	Onboard Intel Pineview-M processor(1.66GHz, FSB 667 MHz, L2 cache 512K) compatible Intel Pineview-D
System Memory	Onboard 1G DDRII Memory
Chipset	Intel Pineview-M+ICH8M
I/O Chipset	ITE IT8783F
Ethernet	Intel 82574, 10/100/1000Mbps, 2x RJ-45
BIOS	SPI Flash BIOS
Wake On LAN	Yes
Watchdog Timer	Timer overflow, causing reset
H/W Status Monitoring	Support voltage, fan speed and temperature detection
Expansion Interface	1xMini-PCIE, 1xLPC
Battery	Lithium battery
Power Requirement	+12V Single Power Supply
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	
	Support CRT/LVDS display out
Chipset	Intel® Pineview-M integrate GMA 950以及SM750 independent display controller
Memory	GMA 950 dynamic share 256MB system memory as graphics memory
Resolutions	CRT max. up to 2048x1536x32 bpp@85 Hz LVDS max. up to 1600×1200×32bpp@60 Hz
CRT	3x VGA
LCD Interface	1x 18bit dual channel LVDS (optional)
DVI	--
TV-OUT	--
I/O	
Storage	2×SATAII, 1 x Mini-IDE, onboard 2G SSD(max. up to 4G/8G)
Serial Port	8x RS-232, 2x RS-232/422/485 isolated adjustable serial port
Parallel Port	--
USB	6x USB2.0 (3 groups 2x5Pin)
Keyboard and Mouse	2x4Pin keyboard and mouse
Digital I/O	Available through LPC port for expansion of 24channel isolated data I/O
IrDA	--
Audio	Realtek ALC888 support MIC-IN, LINE-IN, SPEAK OUT, 2x5Pin

Packing List

- **0040021019**
Jumper
- **0560280029**
Mini-IDE Cable
- **0600400019**
Keyboard/Mouse Cable
- **0260400019**
Seria port cable
- **0470120009**
SATA Cable
- **0360250019**
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **EMB-4870**

Ordering Information

- **EMB-4870-V10**
EPIC motherboard, onboard Intel Pineview-M and 1G DDR II system memory, 3VGA+LVDS, 2x Giga Lan, 6x USB, 10x COM, 2x SATA, 1xMini-IDE, onboard 2G SSD, 1xMini-PCIE, 1x LPC