



Fanless



DID



LVDS



TV-OUT



USB 2.0



Gigabit Ethernet



Serial ATA



One Key restore



BIOS Security

Features :

- Intel® Mobile Merom kernel processors, Onboard Micro-FCBGA or FCPGA socket
- 2x 200-Pin dual channel SO-DIMM, support DDR II 533/667MHz, capacity up to 4GB
- 18/24-bit single/dual channel LVDS/DVI/TV-OUT/VGA Display output
- VGA+LVDS/DVI/TV-OUT, DVI+LVDS Support dual independent display
- 2x10/100/1000Mbps Ethernet
- 1x IDE/3x SATA II/4x USB2.0/1x LPT /2x COM/1x PCI

Specifications

System	
Product Type	5.25"
Processor	Intel®(Socket479)Core™2 Duo/Core™2 Extreme Mobile with FSB up to 800MHz
System Memory	2x 200-Pin SO-DIMM, DDR II 533/667MHz up to 4GB
Chipset	Intel®965GM+ICH8M
I/O Chipset	Winbond W83627HF
Ethernet	Intel®82573V, 10/100/1000Mbps, 2x RJ-45
BIOS	FWH 8M-bit Flash BIOS or SPI 8M-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 PCI Slot
Battery	Lithium battery
Power Requirement	Single Power(+5.5V~+20V)/standard ATX
Board Size	8"×5.75"(203mm×146mm)
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®965GM integrated
Memory	Dynamic graphic Memory Technology 4.0 , Maximum graphic Memory up to 384MB(Share from System Memory)
Resolutions	Up to 2048×1536@60 Hz for CRT Up to 1600×1200@60 Hz for LVDS
LCD Interface	18/24-bit single/dual channel LVDS
DVI	1x DVI, Standard DVI-D output
TV-OUT	Support NTSC/PAL mode, Support S-Video, TV-D, and Composite Output, Support SDTV 480i, EDTV 480P, HDTV 720P, 1080i, True HDTV 1080PP
Dual-Display	Supports VGA+LVDS/DVI+LVDS/DVI+VGA/LVDS+TV-OUT/VGA+TV-OUT Support dual independent display
I/O	
Storage	3×SATA II, 1x IDE(UDMA 100)
Serial Port	1x RS-232, 1x RS-232/422/485
Parallel Port	SPP/EPP/ECP mode
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard and Mouse port
IrDA	1x IrDA Tx/Rx Header

I/O	
Audio	Intel High Def Audio CODEC, 4 channels Speak out, LINE-IN, MIC-IN, CD-IN

Packing List

- 0042541219 Jumper
- 0550410019 IDE Cable
- 0600400019 Keyboard/Mouse Cable
- 0470120009 SATA Cable
- 0260560019 Serial port cable
- 0260280019 Parallel Port Cable
- 0360250019 USB Cable with shielding
- 0710350070 Audio Cable
- Utility CD
- User's Manual
- Warranty card
- EMB-5870

Ordering Information

- **EMB-5870-V12**
5.25" board, Socket-479, AT, DDR II 667/800MHz, VGA+DVI+LVDS+TV-OUT, Gig Lan, 3x SATA II, 4x USB, 2x COM, 1x IDE, 1x LPT, 1x PCI Slot, Audio, Version 1.2
- **EMB-5870-V12-1**
5.25" board, Socket-479, ATX, DDR II 667/800MHz, VGA+DVI+LVDS+TV-OUT, Gig Lan, 3x SATA II, 4x USB, 2x COM, 1x IDE, 1x LPT, 1x PCI Slot, Audio, Version 1.2

Optional Accessories

- **AFC-360P-0460910009-V10**
PCI to 6 RS232, Ver1.0
- **AFC-410T-0413920039-V20**
LVDS to TTL
- **AFC-410D-0413920029-V20**
LVDS to DVI
- **AFC-410V-0413920019**
LVDS to VGA