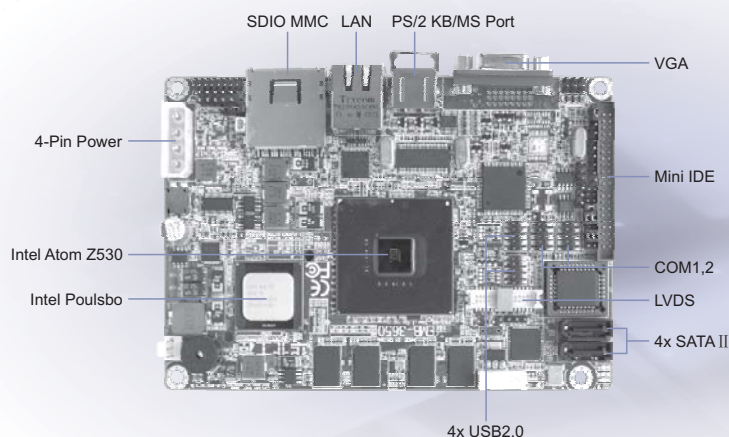


EMB-3650

Onboard Atom Z530, Intel Poulsbo based 3.5" Embedded Board



Features :

- Intel®Poulsbo based, Onboard Intel®Atom Z530 processor
- Onboard 512MB DDR II 400/533MHz
- 24-bit LVDS/DVI/TV/VGA Display output
- VGA+LVDS dual independent displays supported
- 1x 10/100/1000Mbps Ethernet
- 1x Mini-IDE/2x SATA II /1x Type II Compact Flash/4x USB2.0/1x SD Reader/2x COM



Fanless



Compact Flash



DID



LVDS



TV-OUT



USB 2.0



Gigabit Ethernet



Serial ATA



One Key restore



BIOS Security

Specifications

System	
Product Type	3.5"
Processor	Onboard (1.6GHz, 533MHz FSB, 512KB L2)
System Memory	Onboard 512MB DDR II 400/533MHz
Chipset	Intel®Poulsbo
I/O Chipset	Winbond W83627DHG
Ethernet	Realtek 8111C, 10/100/1000 Mbps, 1x RJ-45
BIOS	AMI 4M-bit Flash BIOS(Optional SPI Rom)
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	N/A
Battery	Lithium battery
Power Requirement	Single Power(12V)
Board Size	5.7"×4"(145mm×102mm)
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 Poulsbo integrated GMA500
Memory	Dynamic share 256MB system memory for graphic memory
Resolutions	1024×768 for VGA
VGA	1x DB15
LCD Interface	1x 24-bit LVDS (DVI and LVDS can't be used at the same time)
DVI	1x DVI
TV-OUT	2×3 Header
Dual-Display	VGA+LVDS dual independent display supported
I/O	
Storage	1x Mini-IDE(UDMA 100), 1x Type II Compact Flash, 2xSATA II, 1x SD
Serial Port	1x RS-232, 1x RS-232/422/485
Parallel Port	N/A
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard and Mouse connector
Digital I/O	N/A
IrDA	1x IrDA Tx/Rx Header
Audio	HD Audio provides 4 channel (L+R) Speak out, MIC-IN

Packing List

- **0040021019**
Jumper
- **0560280029**
Mini-IDE Cable
- **0600400019**
Keyboard/Mouse Cable
- **0260400019**
Serial port cable
- **0360250019**
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **EMB-3650**

Ordering Information

- **EMB-3650-V10**
3.5" board, Onboard Intel Atom Z530, Onboard DDR II 400/533MHz 512MB, VGA/LVDS/DVI, Giga Ethernet, 4x USB, 2x COM, 1x Mini-IDE, 1x CF, Version 1.0