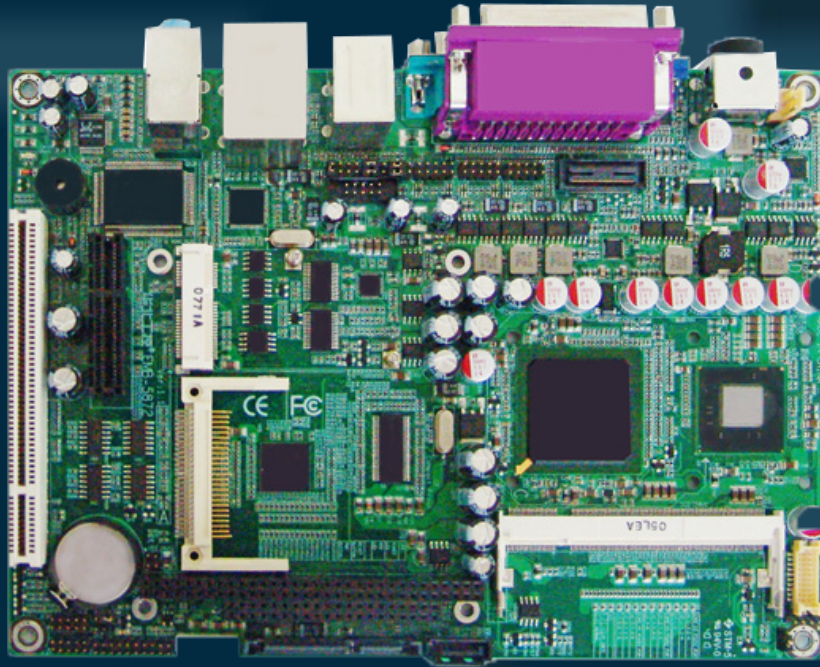


HABEY



5.25 Inch Intel Atom D510 Embedded Board

EMB-5872 is the latest evolution of 5.25" form factor SBCs developed by Habey USA. It is based on Intel Atom D510+ICH8M chipset supporting onboard Intel Atom D510 processor. It provides 1x SO-DIMM slot supporting a memory up to 2GB, 1x LVDS interface and 1x VGA port. As the latest SBC of HABeyUSA, it's a combination of extended performance and processing power. It supports independent Dualview, SATA and CF storage modes. Apart from the configuration mentioned above, the I/O interfaces also feature this board. It provides 1x RS-232 and 1x RS232/422/485 serial ports, 8x USB2.0 ports, 1x Mini-PCIE and 1x LPC expansion interface, 1x PCIe x4 slot, 1x LPT interface, 1x PC/104 port and 1x JTAG.

EMB-5872



5.25 Inch Intel Atom D510 Embedded Board

Features:

- Intel Atom D510+ICH8M Chipset, Onboard Intel Atom D510 1.66GHz Processor
- Memory: 1x SODIMM DDRII, Up To 2GB
- Display: VGA + LVDS, Dual Independent Display
- I/O: 8x USB, 2x Serial/COM port, 1x Gigabit Ethernet, 2x PS/2
- Storage: 2x SATA, 1x Compact Flash
- Expansion: 1x PCI, 1x Mini-PCIE, 1x PClex4, 1x LPC, 1x PC/104, 1x JTAG, 1x LPT
- Operating Temperature: 0C-60C

Specifications:

EMB-5872	
Processor	Intel Atom Z510P 1.1GHz
Chipset	ICH8M
CPU Core	--
BIOS	8M BIOS
System Memory	1x 200-Pin DDR2 SO-DIMM up to 2GB
Ethernet	Realtek RTL8111D(L) GbE, 1x RJ-45
Storage	2x SATA 2, 1x CF Socket, 1x SSD (via SATA interface)
Expansion	1x PCI, 1x Mini-PCle, 1x PCIeX4, 1x LPC, 1x PC/104, 1x JTAG
Power Supply	Single power supply (+12V)
Graphic Controller	GMA3150 Integrated With Intel Atom D510
Video Memory	Dynamic Video Memory
Display Interface	Support CRT/LVDS Display Output
LCD Interface	1x LVDS(18 bit), LVDS Support Up To 1600x1200 32bpp@60 Hz
Display Resolution	CRT 2048x1536xbpp@85Hz LVDS 1600x1200x32bpp@60Hz
I/O Controller	Winbond W83627DHG
Serial Port	1x RS-232, 1x RS-232/422/485
USB	8x USB2.0 (3 for 2x5Pin, 2 for Standard Interfaces)
PS/2 Port	2x PS/2
Digital I/O	--
Audio	Realtek ALC888 Supports Mic-In, Line-In, Line-out
OS support	Supports Windows Embedded, Windows XP, Vista, Windows 7 & Linux
Wake On LAN	Yes
Watchdog Timer	Trigger A System Reset When The Timer Overflows 255 Levels
Features and Options	--
Operating Temperature	32°F - 140 °F (0°C - 60 °C)
Dimensions	6.5" x 4.5" x 0.9" (165mmx115mm)

