

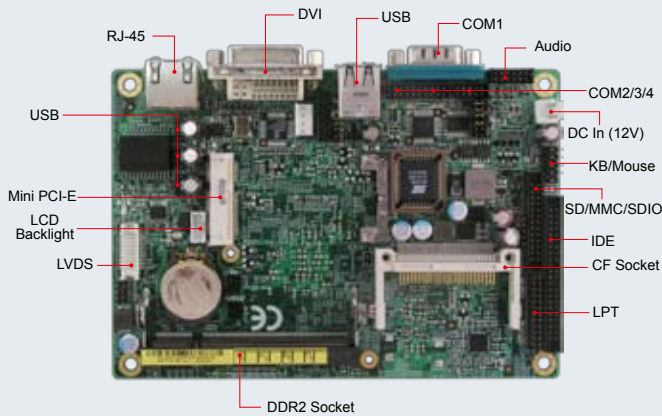


Disk-Size SBCs

Intel® Atom™ -Based

Intel® Atom™ Z510P / Z510PT / Z520PT / Z530P 3.5-inch Disk Size w/ Intel® SCH US15WP Chipset

IB888



Features

- Onboard Intel® Atom™ Z510P / Z510PT / Z520PT / Z530P processors 1.1GHz~1.6GHz, 400/533MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB
- Supports DVI and LVDS (24-bit single channel)
- Realtek 8111C PCI-E Gigabit LAN
- Watchdog timer
- 1x IDE, 8x USB 2.0, 4x COM, SD/MMC/SDIO

System

CPU	Intel® Atom™ Silverthorne XL series , 1.1GHz~1.6GHz
System Memory	1x DDR2 SO-DIMM, Max. 2GB
System Chipset	Intel® SCH US15WP(T)
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E

Graphics

VGA Controller	Integrated 2D/3D graphics
VGA Memory	N/A
Display Interface	Supports DVI & 24-bit single channel LVDS

Ethernet

Controller	Realtek 8111C Gigabit LAN
Connector	RJ-45 on board

Multi I/O

Chipset	Winbond W83627EHG + Fintek 81216AD 1x IDE, 1x KB, 1x mouse 3x RS232, 1x RS-232/422/485
USB	2 ports on board Pin header for 6 ports (USB 2.0)
Audio	Intel® SCH US15W built-in audio w/ Realtek ALC662 codec for 5.1CH
Others	Digital I/O (4 in, 4 out), +12V DC-in

Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Atom™ Z530P 1.6GHz w/ 1GB DDR2-667 +12V:1.25A
Operating Temperature	0°C~60°C (32°F~140°F) -20°C~70°C (-4°F~158°F) - Wide Temp. for IB888-11T and IB888-13T
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB888-11	Intel® Atom™ Z510P 1.1GHz SCH US15WP on board, 3.5-inch Disk Size SBC w/ Gigabit LAN, DVI
IB888-11T	Intel® Atom™ Z510PT 1.1GHz SCH US15WPT on board, 3.5-inch Disk Size SBC w/ Gigabit LAN, DVI, Wide Temp. support (-20°C~70°C)
IB888-13T	Intel® Atom™ Z520PT 1.33GHz SCH US15WPT on board, 3.5-inch Disk Size SBC w/ Gigabit LAN, DVI, Wide Temp. support (-20°C~70°C)
IB888-16	Intel® Atom™ Z530P 1.6GHz SCH US15WP on board, 3.5-inch Disk Size SBC w/ Gigabit LAN, DVI
IB54	Cable kit for IB888 series, w/ IDE, PS/2, USB, COM, audio, printer and power cable
HSIB888-BGA	Heatsink/ for IB888 BGA
CSB200-88811M	Fanless chassis with IB888-11-ASB 3.5-inch SBC, w/ external CF card slot, 60W power adaptor



Remarks:

1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.

