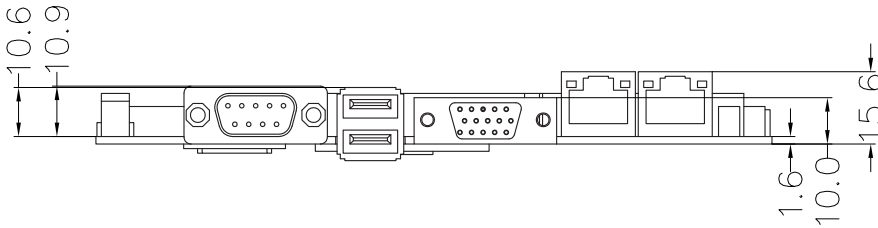
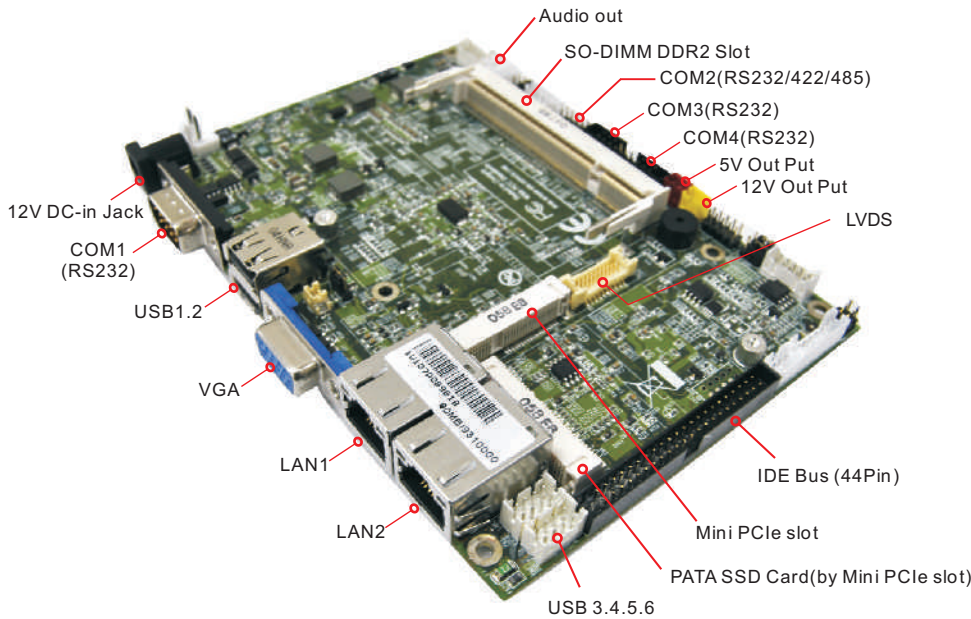


I931

Intel ATOM Z530 1.6GHz Ultra Low Power, 3.5" Motherboard



Specification

System Specification

Processor	: Intel Atom Z530 1.6GHz (Z510 1.1GHz is Optional)
BIOS	: AMI 4Mbit Flash
System Chipset	: Intel US15W XL Chipset
System Memory	: 1 x DDR2 SO-DIMM, Max 2GB
SSD Interface	: Mini PCIe Slot
Expansion Slot	: 1 x Mini PCIe

I/O Connectors

Rear Panel I/O Port	: 2 x RJ-45(Gigabit LAN), 2 x USB, 1 x VGA-Out Conn , 1 x RS-232
Internal I/O pin-header	: 1 x 44 pins IDE, 1 x RS-232, 1 x RS232/422/485, 4 x USB, PATA SSD Card (by Mini PCIe slot) 1 x Front Audio, 1 x Front Panel, 8 x GPIO, 1 x Mini-PCle

Display Specification

Graphic Controller	: Intel GMA 500
LVDS	: Single Channel 24 bit LVDS

Audio Specification

Audio Controller	: Realtek-ALC888-GR
Audio Interface	: Microphone in, Line in, Line out

Ethernet Specification

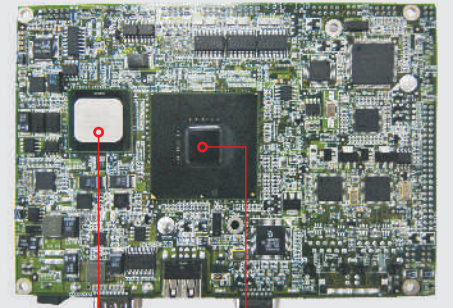
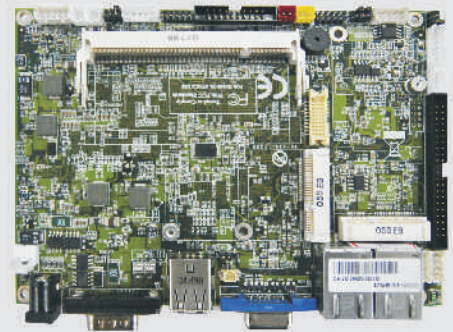
LAN Controller	: Dual Realtek RTL8111B Gigabit Ethernet, 10/100/100 Mbps
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Mechanical and Environment

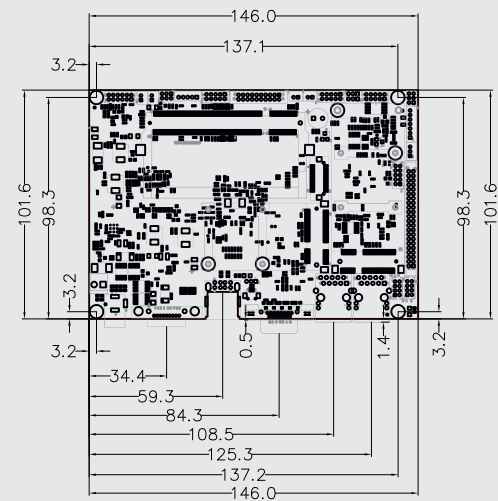
Dimensions (L x W)	: 146 mm x 101 mm (3.5" Form Factor)
Power Input	: DC IN 12V (Power Jack)
Operating Temperature	: 0 deg.C to 60 deg.C
Operating Humidity	: 30% to 90% (non condensing)
Certifications	: CE, FCC, RoHS

Features

- 3.5" Form Factor (146mm X 101mm)
- Intel® Atom Z530 1.6GHz (Z510 1.1GHz is Optional)
- Intel® US15W XL Chipset
- Integrated VGA, Single Channel 24bit LVDS
- 1 x DDR2 SO-DIMM, max. 2GB
- Integrated Dual Realtek RTL8111B Gigabit Ethernet
- 1 x Mini PCIe, 1 x IDE, 4 x COM, 6 x USB 2.0, 8 x GPIO
- 1 x PATA SSD Card (by Mini PCIe slot)



Atom Z530/Z510 US15WXL



Rev.	Reasons	Revised Date
1.0	First release	Aug-11-10
1.1	Spec change	Oct-20-11