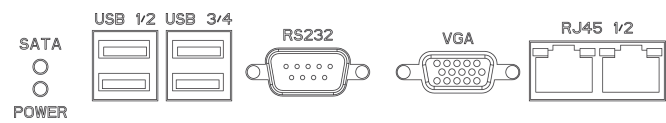
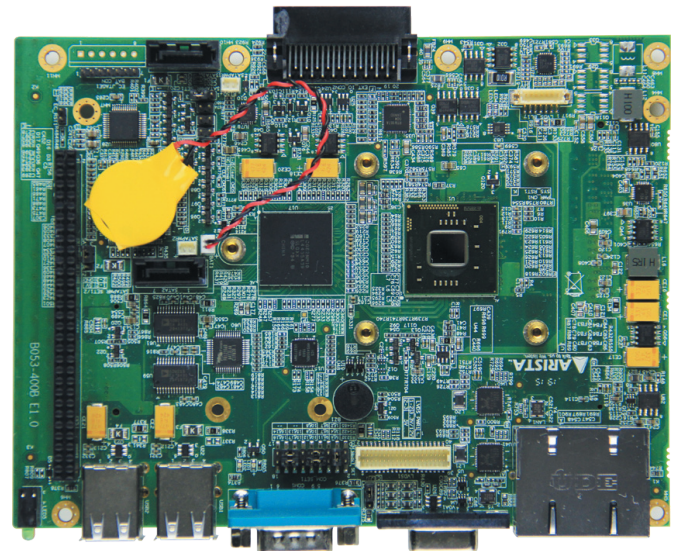


Features

- Intel Cedar Trail 1.86GHz N2800 dual core Atom Processor.
- Intel NM10 Express chipset.
- Single DDR-3 SO-DIMM supports up to 4GB 800/1066MHz DDR3 memory.
- Intel Embedded Graphic Engine integrated in Intel NM10 chip.
- VGA.
- Two Realtek RTL8111F Gigabit LAN ports.
- 2 x SATAII, 1 x MINI-PCIE slot.
- One RS-232/422/485, four USB 2.0, one VGA, two Gigabit LAN ports on board edge
- Arista 40 Pin detach connector: HDMI, Analog Audio L/R, USB, Serial, DC 12V input, FAN signal.
- Design for Swappable CPU Board Application.



Specifications

Form Factor

Dimensions	3.5" SBC (5.75 X 4.13 inch / 146 X 105 mm (L X W))
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Processor system

CPU	Intel 1.86GHz N2800 Dual Core Atom CPU
Core Number	2
Max Speed	1.86GHz
Chipset	N2800 (Northbridge), Intel NM10 Express Chipset(Southbridge)
BIOS	AMI BIOS

Expansion slots

PCI	N/A
Mini-PCle	1
mSATA	N/A
PCIe	N/A
CFlash Card Socket	N/A

Memory

Technology	DDR3 (800/1066MHz)
Max.	4GB
Socket	1 x SO-DIMM

Graphics

Controller	Integrated in Intel NM10 Express Chipset
VRAM	Shared Memory
VGA	Supports max. resolution 1920x1080
LVDS	N/A
HDMI	1 (Via Detach Connector)
DVI	N/A
Display Port	N/A
Multi Display	YES *Support dual displays

Ethernet

Interface	10/100/1000 Mbps
Controller	GbE LAN: Realtek RTL8111F
Connector	2x RJ-45

SATA

Max Data Transfer Rate	SATA2 (3.0Gb/s)
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Rear I/O

VGA	1
DVI	N/A
HDMI	N/A
DisplayPort	N/A
Ethernet	2
USB	4 (USB 2.0)
Audio	N/A
Serial	1x RS-232/422/485
eSATA	N/A
PS/2	N/A

Internal Connector

USB	N/A
LVDS / inverter	N/A
VGA	N/A
Serial	N/A
SATA	2 x SATA2 (3.0Gb/s)
mPCle	1
Parallel	N/A
mSATA	N/A
GPIO 8-bit	N/A
SATA PWR Output Con	1
Speaker Header	1
Smart Battery Header	N/A
SIM card	N/A
Stackable I/O	N/A
Layer1	N/A
Layer2	N/A

Watchdog Timer

Watchdog Timer	Programmable 1 - 255 sec
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Power Requirements

Power Requirement (Max)	12V DC-IN
Power Consumption (Max)	24W

Environment

Operating Temperature	0-60°C (32~140°F)
Storage Temperature	-40~85°C (-40~185°F)
Relative Humidity	0~95%