Specifications

Processor System

Dimension: 3.5" SBC (5.8-in x 4.0-in)/ (146 x 102 mm)
CPU: Intel® Atom™ Baytrail-M/D Processor
Supports Hyper-Threading Technology
Core Number: 4
Max Speed: (By CPU)
L3 Cache: 2MB
Chipset: N/A
BIOS: UEFI

Expansion Slot

PCI: 0
Mini-PCIe: 1 (Half Size) + 1 (Full Size) shared with mSATA
mSATA: 1 (Full Size) shared with SATA2
PCIe: 0
CFast Card Socket: 0

Memory

Technology: Single Channel DDR3L 1333 MHz SDRAM
Max. Socket: 1 x SO-DIMM

Graphics

Controller: Intel® Gen7 Intel Graphics DX 11, OGL3.2
VRAM: Shared Memory
VGA: Supports max. resolution 1920 x 1200
LVDS: Dual channel 24-bit, max resolution 1920 x 1200@60Hz
HDMI: Supports HDMI 1.4a, max resolution 1920x1200
DVI: No
Display Port: No
Multi Display: Yes (Dual Display)

Ethernet

Interface: 10/100/1000 Mbps
Controller: GbE LAN: Realtek RTL8111C-CG
Connector: 2 x RJ-45

SATA

Max Data Transfer Rate: SATA2 (3.0Gb/s)

Rear I/O

VGA: 1
HDMI: 1
DVI-I/D: 0
Display Port: 0
Ethernet: 2
USB: 2 x USB 3.0 compliant
Audio: (Line out)
Serial: 0
PS/2: 0

Internal Connector

USB: 6 (3*2.54 pitch header USB 2.0 compliant)
LVDS/Inverter: 1/1
VGA: 0
Serial: 1 (RS-232)
SATA: 2x SATA2 (3.0Gb/s)
m-SATA: 1 (shared)
Mini-PCIe: 1
Parallel: 0
IrDA: 0
GPIO: 4 x GPI + 4 x GPO
SATA PWR Output Con: 1
Speaker Header: 1

Watchdog Timer

Output: From Super I/O to drag RESETCON#
Interval: 256 segments, 0.1, 2...255sec/min

Power Requirements

Input PWR: 9-36V DC-In using 4-pin ATX PWR Con
Power On: AT/ATX Supported
AT: Directly PWR on as Power input ready
ATX: Press Button to PWR on after Power input ready

Environment

Operating Temperature: 0°C~60°C