



999.00 EUR

incl. 19% VAT, plus shipping



- INTEL® Haswell / Broadwell SoC Processor
- 2* DDR3L 1333/1600 up to 16GB
- Support 1 * Serial ATAIII (6Gb/s) Devices
- Integrated Realtek ALC662 HD Audio CODEC with 2-CH

- 1 * 24 bits Dual Channel LVDS header
- 1 * mPCIE
- 1 * mSATA (share with mPCIE)
- 2 * USB 2.0 + 4 * USB 3.0
- 2 * HDMI Output
- Supports 2 * Gigabit LAN
- Support CPU Smart FAN
- DC IN Jack 9~24V

Form Factor

Dimensions

- 3.5" SBC (148X102 mm)

Processor System

CPU

- INTEL® Haswell ULT i5-4300U/2980U

Core Number	- BY CPU
Max Speed	- BY CPU
L2 Cache	- BY CPU
Chipset	- SoC
BIOS	- AMI 128/64Mb Flash ROM

Expansion Slot

PCI	- 0
Mini-PCIe	- 1 (half size)
mSATA	- 1 (share with mPCIe)
PCIe	- 0
CFast Card Socket	- 0
CF Card Socket	- 0

Memory

Technology	- 2 * DDR3L 1600/1333MHz Dual CH on board
Max.	- 16GB
Socket	- 2 * SODIMM

Graphics

Controller	- Intel® HD Graphics
------------	----------------------

VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 * Onboard 24-bits single channel connector
HDMI	- 2
DVI-I	- 0
DisplayPort	- 0
MultiDisplay	- Yes (Three Display)

Ethernet

Ethernet	- 10/100/1000 Mbps
Controller	- GbE LAN: I211AT + I218LM
Connector	- 2 x RJ 45

SATA

Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
------------------------	-------------------------

Rear I/O

VGA	- 0
DVI-I	- 0
HDMI	- 2
DisplayPort	- 0

Ethernet	- 2
USB	- 6 (2 x USB 2.0 + 4 x USB 3.0)
Audio	- 1 (Line-out)
Serial	- 0
eSATA	- 0
PS2	- 0
DC-input	- DC in Jack 9~24V

Internal Connector

USB	- 3 (3 x USB 2.0)
PS2	- 1
LVDS / inverter	- 1
VGA	- 0
Serial	- 1(4 x RS-232 with 5V/12V selectable header)
SATA	- 1 x SATAIII (6.0Gb/s)
mPCIe	- 1 (half size)
Parallel	- 0
mSATA	- 1 (shared with mPCIe) +
CIR	- 0

GPIO 8-bit - 4in / 4 out

Chassis intrusion - 1 (via 2pin header)

Audio Header - 1 (9~24V)

Watchdog Timer

Output - From Super I/O to drag RESETCON#

Interval - 256 segments, 0,1,2...255sec/min

Power Requirements

Input PWR - 9~24V DC-In Jack (2-pin 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

Certifications

Certifications - CE, FCC, RoHS, REACH

Environment

Temperature - Operating: 0°C– 60°C

- Storage: -20°C– 85°C