



269.00 EUR

incl. 19% VAT, plus shipping

- Support DDR3 /DDR3L 1600/1333 up to 16GB
- 4 \* USB3.0 (PCI-E to USB3.0), 8 \* USB2.0, 2 \* GbE
- 12 \* RS232(COM1/COM2 support RS232/422/485, COM3/COM4 support RS232/485)
- 2 \* CRT Ports (CRT2 support Dummy load function)
- SIM Card Socket, TPM Header
- 4 Phase CPU Power Support 84W CPU

## Form Factor

Dimensions

– Mini-ITX (170 \* 170mm)

## Processor System

CPU

– Intel LGA 1150 Socket Core i7/i5/i3/Pentium Processor

Core Number

– (by CPU)

Max Speed	-- (by CPU)
L2 Cache	-- (by CPU)
Chipset	-- Intel H81 Express chipset
BIOS	-- AMI 32Mb Flash ROM

## Expansion Slot

PCI	-- 0
mSATA	-- 1 (full size ,Co-lay Mini PCI-e)
PCIe	-- 1 (by 16)
Mini-Pcie	-- 2 (full size)
TPM Header	-- 1
SIM Card Socket	-- 1

## Memory

Technology	-- DDR3L 1600/1333MHz
Max.	-- 16GB
Socket	-- 2* SO-DIMM

## Graphics

Controller	-- Intel ® HD Graphics
VRAM	-- Shared system memory

VGA	- 2
DVI-D	- 0
HDMI	- 1 (1.4b)
Display Port	- 0
<b>Ethernet</b>	
Ethernet	- 10/100/1000 Mbps
Controller	- GbE LAN:2* Intel i211AT
Connector	- 2 * RJ 45
<b>SATA</b>	
Max Data Transfer Rate	- 2 * SAT3.0 (6.0Gb/s)
<b>Rear I/O</b>	
DVI-D	- 0
HDMI	- 1
DisplayPort	- 0
Ethernet	- 2
Audio	- 1 (3JACK)
USB	- 4 * USB 3.0 + 2* USB2.0
PS2	- 0

## Internal Connector

DisplayPort	- 1
USB	- 6 *USB2.0
PS2	- 1
HDMI	- 0
Display Port	- 0
Serial	- 10 ( COM3/COM4 Support RS232/485)
SATA	- 2 * SATA3.0
MiniPCI-e	- 2 (full size)
Parallel	- 1
M-SATA	- 1 (full size, Co-lay Mini PCI-e)
GPIO8-bit	- 1 (4 * IN +4 * OUT)
TPMheader	- 1
Chassisintrusion	- 1
SpeakerHeader	- 1
LANLED Header	- 1
AT Mode	- 1

## Watchdog Timer

Output	- From Super I/O to drag RESETCON#
<b>Power Requirements</b>	
InputPWR	- 4 Pin / 24 Pin ATX PWR Connector
PowerOn	AAT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: -10°C – 60°C
	- Storage: -20°C – 85°C