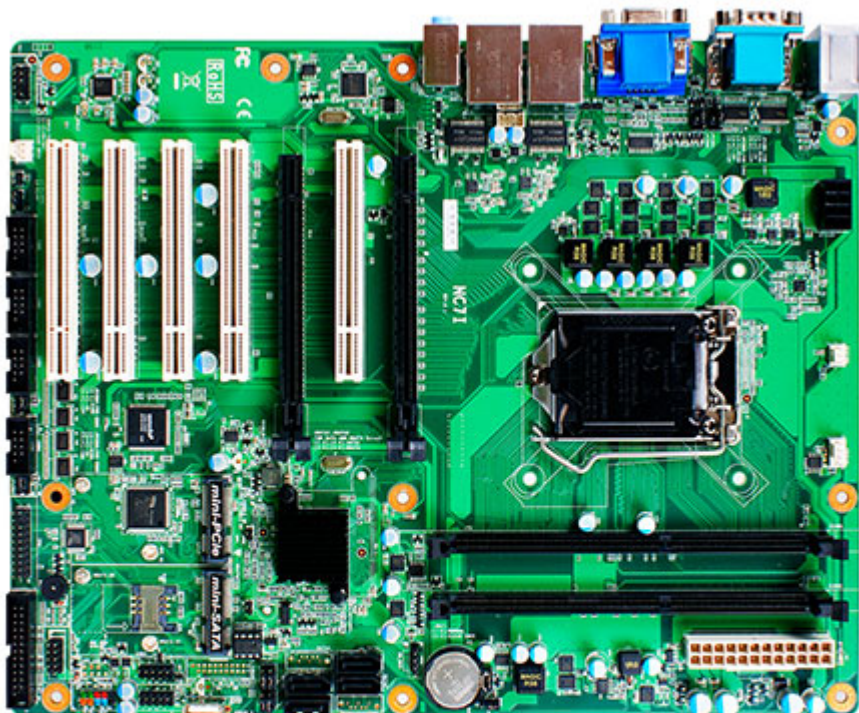
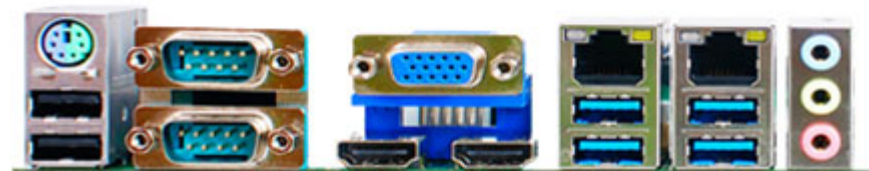




259.00 EUR

incl. 19% VAT, plus [shipping](#)



- Intel® H81 Express Chipset
- Support INTEL® 4th Gen core processors family
- Support DDR3 /DDR3L 1600/1333 Max 16GB
- 2* GbE, 4* USB3.0, 7* USB2.0, 6* COM (COM 1/2 support RS232/422/485, COM 1/2/3/4 support 5V/12V)
- Support SIM Card Socket
- Support 1* CRT Port, 2* HDMI
- ATX Form Factor (305* 240mm)

Form Factor

Dimensions	– ATX (305 * 240mm)
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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	– 5
Mini-PCIe	– 1 (Full size)
mSATA	– 1 (full size ,Co-lay SATA4)
PCIe	– 2 (x16 + x1)
TPM Header	– 1
SIM Card Holder	– 1

Memory	
Technology	– DDR3L 1600/1333MHz
Max.	– 16GB
Socket	– 2* DIMM Socket
Graphics	
Controller	– Intel® HD Graphics
VRAM	– Shared Memory
VGA	– 1
LVDS	– 0
eDP	– 0
HDMI 1.4	– 2
Display Port	– 0
Ethernet	
Ethernet	– 10/100/1000 Mbps
Controller	– 2 * Realtek RTL8111G Gigabit LAN
Connector	– 2 * RJ 45
Audio	
CODEC	– HD Audio : Realtek ALC662
Channel	– FP_AUDIO, 3W Amplifier Speaker out
SATA	
Max Data Transfer Rate	– 2 * SATA2.0 (3.0Gb/s) + 2* SATA3.0(6.0Gb/s)
Rear I/O	
VGA	– 1
DVI-D	– 0
HDMI	– 2
Display Port	– 0
Ethernet	– 2
USB	– 4* USB 3.0 + 2* USB2.0
Audio	– 1 (3JACK)
Serial / Parallel	– 2 (RS232/422/485)
PS2	– 1
Internal Connector	
USB	– 5 * USB 2.0
PS/2	– 0
LVDS / inverter	– 0
eDP	– 0
VGA	– 0
Serial	– 4 (COM 3/4 Support 5V/12V)
SATA	– 2* SATA2.0 + 2* SATA3.0
mPCIe	– 1 (Full size)
Parallel	– 1
m-SATA	– 1 (full size, Co-lay SATA6)
GPIO 8-bit	– 1 (4 * IN +4 * OUT)
Chassis intrusion	– 1
Audio Header	– 0

SMBUS/ I2C	– 1
AT mode	– 1
TPM Header	– 1
Others	– 0
Watchdog Timer	
Output	– From Super I/O to drag RESETCON#
Interval	– 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	– 4 Pin / 24 Pin ATX PWR Connector
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: -10°C – 60°C
	– Storage: -20°C – 85°C
Warranty	
Warranty	– 2 Years Limited Warranty