



249.00 EUR

incl. 19% VAT, plus shipping

- Intel® H81 Express Chipset
- Supports Intel LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors
- Support 2 \* 240 pin 8GB 1600/1333/1066 Dual CH DDR3 SDRAM DIMM Max. up to 16GB
- Intel 82574L & I217LM Gigabit LAN
- Support TPM 1.2 header function
- Support CPU Smart FAN
- Supports ACPI S3 Function
- Support Watch dog Technology
- Micro-ATX form factor ( 245mm x 245mm )

### Form Factor

Dimensions

- Micro-ATX (245 x 245mm)

### Processor System

CPU

- INTEL® LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors

Core Number

- By CPU

Max Speed	- By CPU
L2 Cache	- By CPU
Chipset	- Intel® H81 Express Chipset
BIOS	- AMI 64Mb Flash ROM

## Expansion Slot

PCI	- 2
Mini-PCIe	- 0
mSATA	- 1
PCIe	- 2 (1 * x16 + 1* x4(byx2))
CFast Card Socket	- 0
CF Card Socket	- 0

## Memory

Technology	- 2 x DDR3 1333/1600MHz Dual CH
Max.	- 16 GB
Socket	- 2 x 240Pin-DDR3 DIMM

## Graphics

Controller	- By CPU
VRAM	- Shared Memory

VGA	- 1
LVDS	- 0
HDMI	- 1
DVI	- 1 DVI-D
DisplayPort	- 1
MultiDisplay	- Yes (Dual Display)

### Ethernet

Ethernet	- 2 x 10/100/1000 Mbps
Controller	- GbE LAN: Intel 82574L + Intel 217LM
Connector	- 2 x RJ 45

### SATA

Max Data Transfer Rate	- 2 * SATAIII (6.0Gb/s) + 1 * SATAII (3.0Gb/s)
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### Rear I/O

VGA	- 1
DVI	- 1 DVI-D
HDMI	- 1
DisplayPort	- 1
Ethernet	- 2

USB	- 4 (4 x USB 2.0) + 2 (2 x USB 3.0)
Audio	- 1 (Line-in / Line-out / MIC)
Serial	- 1 (RS-232/422/485 with 5V/12V selectable header)
eSATA	- 0
PS2	- 0
DC-input	- 0

### Internal Connector

USB	- 1 ( 2 x USB 2.0 )
PS2	- 1
LVDS / inverter	- 0
VGA	- 0
Serial	- 9 (1x RS-232/422/485)+2 x RS-232 with 5V/12V selectable header)
SATA	- 2 x SATAIII (6.0Gb/s) + 1 x SATAII (3.0Gb/s)
mPCIe	- 0
Parallel	- 0
mSATA	- 1
CIR	- 1

GPIO 8-bit	- 4in / 4 out
Chassis intrusion	- 1
Audio Header	- 1
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
<b>Power Requirements</b>	
Input PWR	- (8-pin ATX 12V PWR Con / 24-pin ATX PWR Con)
Power On	ATX Supported - ATX: Press Button to PWR on after Power input ready
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: 0°C- 60°C
	- Storage: -20°C- 85°C