



279.00 EUR

incl. 19% VAT, plus shipping



- Intel® Q87 Express Chipset
- Supports Intel Gen. 4 LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors
- 4 * Dual Channel DDR3-1600/1333 up to 32GB
- Intel i211AT & i217LM Gigabit LAN
- Support Intel Active Management Technology (iAMT 9.0)
- Support Intel vPRO feature
- 1 x Mini-PCIe, 1 x mSATA(Shared with Mini-PCIe),
1 x PCIe x16, 1 x PCIe x4, 1 x PCIe x1
- 3 x USB 3.0, 6 x USB 2.0
- 6-ports SATA III 6Gb/s support RAID 0, 1, 5, 10
- HDMI & VGA Video Outputs
- Designed for Rackmount application
- Micro-ATX Form Factor (244mm x 244mm)

Form Factor

Dimensions

- Micro-ATX (244 x 244mm)

Processor System

CPU	- Intel Gen. 4 LGA 1150 Socket Core i7/i5/i3/ Pentium Processor
Core Number	- (By CPU)
Max Speed	- (By CPU)
L2 Cache	- (By CPU)
Chipset	- Intel Q87 Express chipset
BIOS	- AMI 64Mb Flash ROM
Expansion Slot	
PCI	- 0
Mini-PCIe	- 1
mSATA	- 1 (Shared with Mini-PCIe)
PCIe	- 1 x16, 1 x4, 1 x1
CFast Card Socket	- 0
CF Card Socket	- 0
Memory	
Technology	- 4 * Dual Channel DDR3-1600/1333 SDRAM
Max.	- 32GB
Socket	- 4 * Long DIMM

Graphics

Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1 (Support max resolution 2048X1536)
LVDS	- 0
HDMI	- 1 (resolution1920x1080)
DVI-I	- 0
DisplayPort	- 0
MultiDisplay	- Yes (Dual Display)

Ethernet

Ethernet	- 10/100/1000 Mbps
Controller	- GbE LAN: INi211AT & INi217LM
Connector	- 2 * RJ 45

SATA

Max Data Transfer Rate	- 6 * SATAIII (6.0Gb/s)
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Rear I/O

VGA	- 1
DVI-I	- 0
HDMI	- 1
DisplayPort	- 0

Ethernet	- 2
RJ11	- 0
USB	- 4 (4 * USB 2.0 + 2 * USB3.0)
Audio	- 0
Serial	- 1
Parallel	- 0
eSATA	- 0
PS2	- 1 for Keyboard, 1 for Mouse
DC-input	- 0
Internal Connector	
USB	- 4 (2 * USB 2.0 via 9 pin header, 1 * USB3.0)
PS2	- 0
LVDS / inverter	- 0
VGA	- 1 (Shared with rear VGA port)
Serial	- 1
SATA	- 6 * SATAIII (6.0Gb/s)
mPCIe	- 1
Parallel	- 0
mSATA	- 1 (Shared with mPCIe)

CIR	- 0
GPIO 8-bit	- 4in / 4 out
Chassis intrusion	- 1 (via 2pin header)
Audio Header	- 0
TPM header	- 1
CPU Fan	- 1
System FAN	- 4

Watchdog Timer

Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min

Power Requirements

Input PWR	- ATX PWR (8+24 pin)
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
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Environment

Temperature	- Operating: 0°C– 60°C
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- Storage: -20°C– 85°C