



339.00 EUR

incl. 19% VAT, plus shipping

- Intel® LGA1151 Skylake/KabyLake Processor (TDP 65W)
- Intel® Q170 Express Chipset
- Support DDR4-2133, 2 * SO-DIMM slot, up to 32GB memory
- Realtek ALC662VD Audio
- 2 * Intel Giga LAN
- Support 4 * SATA III (6Gb/s), support RAID 0, 1, 5, 10
- Support 2 * DP/HDMI/LVDS, triple displays
- 2 * External COM and 4 * internal COM
- 4 * External USB3.0 & 2 * Internal USB1.1/2.0
- 1 * mini-PCIe slot & 1 * PCIe x4 side-slot
- 1 * SIM Card Holder
- 9 ~ 24V DC IN power

Form Factor

Dimensions

- Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)

Processor System

CPU	- Intel® LGA1151 Skylake/Kabylake Processor (TDP 65W)
Core Number	- (by CPU)
Max Speed	- (by CPU)
L2 Cache	- (by CPU)
Chipset	- Q170
BIOS	- AMI Flash ROM

Expansion Slot

PCI	- 0
Mini-PCIe	- 1 (full size)
mSATA	- 0
PCIe	- 1 * PCIe x4 side-slot (4 * PCIe x1 combo signals)
M.2	- 0
CFast Card Socket	- 0
CF Card Socket	- 0
SIM Card Holder	- 1

Memory

Technology	- Dual CH DDR4 2133MHz SDRAM
Max.	- 32GB

Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 (Max Resolution : 1920x1080@60Hz)
eDP 1.3	- 0
HDMI 1.4	- 1 (Max Resolution : 3840x2160@30Hz)
DVI-D	- 0
DisplayPort 1.2	- 2 (Max Resolution : 4096 x 2304@60Hz)
MultiDisplay	- Triple Displays
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Intel® Gigabit LAN (i211AT * 1 & i219LM * 1)
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- Line-In, Line-Out, MIC

SATA

Max Data Transfer Rate	- 4 * SATAIII (6.0Gb/s)
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Rear I/O

VGA	- 0
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DVI-D	- 0
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HDMI	- 1
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DisplayPort	- 2
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Ethernet	- 2
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USB	- 4 * USB 3.0
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Audio	- 1 (Line-in, Line-out, MIC)
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Serial	- 2 (COM2: RS232/422/485)
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eSATA	- 0
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PS/2	- 0
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DC-input	- 1
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Internal Connector

USB	- 2 * USB 2.0
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PS/2	- 1
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LVDS / inverter	- 1
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eDP	- 0
VGA	- 0
Serial	- 4
SATA	- 4 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size)
Parallel	- 0
mSATA	- 0
M.2	- 0
GPIO	- 1 (8 bit)
Chassis intrusion	- 1
Audio Header	- 1
SMBUS/ I2C	- 1
AT mode	- 1
TPM Header	- 1 (on board option)
Others	- Support RAID 0, 1, 5, 10
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)

Power Requirements

Input PWR

- +9~24V DC-in

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

Packing

Packing

- Net Weight:

- Gross Weight:

- Color Box dimension: