



999.00 EUR

incl. 19% VAT, plus shipping

- Intel® H110 Express Chipset
- Supports Intel LGA 1151 Socket Core™ i3, i5, i7 Pentium Processors (TDP ≤65 W)
- 2 * Dual Channel DDR4 2133MHz up to 32GB
- Support Intel i219V GbE LAN
- Support PCIe x1 slot
- 2 * SATAIII (6.0Gb/s)
- HDMI/ DP/LVDS Video Outputs (eDP Options)
- Integrated Realtek ALC662VD Audio Codec
- Built-in Watchdog Timer Technology
- +19V DC-in PWR jack
- Thin Mini-ITX Form Factor (170mm * 170mm)

Form Factor

Dimensions

- Thin Mini-ITX (170 * 170mm)

Processor System

CPU

- Intel LGA 1151 Socket Core i7/i5/i3/Pentium Processor (TDP ≤65 W)

Core Number	- (by CPU)
Max Speed	- (by CPU)
L2 Cache	- (by CPU)
Chipset	- Intel H110 Express chipset
BIOS	- AMI 64Mb Flash ROM

Expansion Slot

PCI	- 0
Mini-PCIe	- 1 (full size)
mSATA	- 1 (full size)
PCIe	- 1 x1
CFast Card Socket	- 0
CF Card Socket	- 0

Memory

Technology	- DDR4 2133MHz Dual CH
Max.	- 32GB
Socket	- 2 * SO-DIMM

Graphics

Controller	- (by CPU)
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VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 * Onboard 24-bits dual channel connector
HDMI	- 1 (1.4a) Max. Resolution: 1920*1080@60Hz
DVI-D	- 0
DisplayPort	- 1 (1.2) Max. Resolution: 4096*2304@60Hz
MultiDisplay	- Yes (Dual Display)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- GbE LAN: INI219V
Connector	- 1 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- 4 Channel
SATA	
Max Data Transfer Rate	- 2 * SATAIII (6.0Gb/s)
Rear I/O	
VGA	- 0

DVI-D	- 0
HDMI	- 1
DisplayPort	- 1
Ethernet	- 1
USB	- 4 * USB 3.0
Audio	- 2 (MIC / Line-out)
Serial	- 0
eSATA	- 0
PS2	- 0
DC-input	- 1 * 19V DC-in
Internal Connector	
USB	- 4 * USB 2.0
PS/2	- 1
LVDS / inverter	- 1
VGA	- 0
Serial	- 2 (1 * RS232, 1 * RS232/422/485)
SATA	- 2 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size)

Parallel	- 0
mSATA	- 1 (full size)
CIR	- 0
GPIO 8-bit	- 0
Chassis intrusion	- 1
Audio Header	- 1
TPM	- 1 (Option)
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- +19 DC-in (2-pin PWR Con)
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