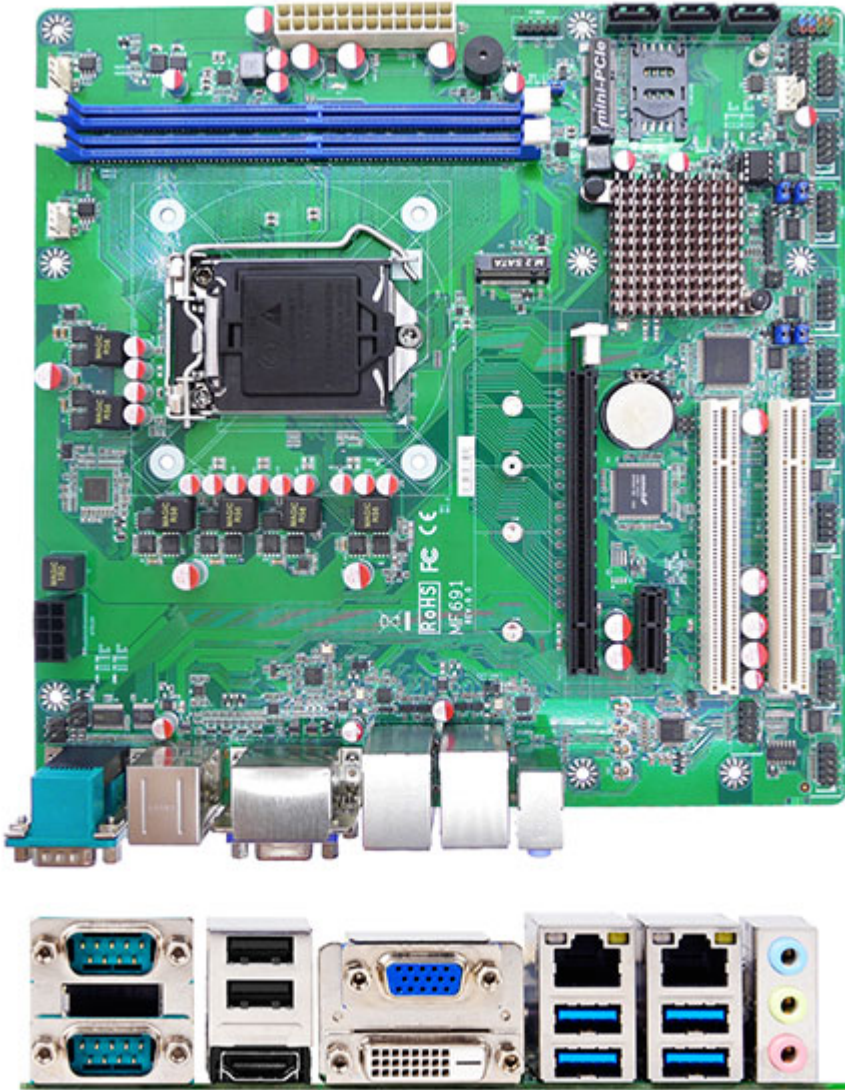


259.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® LGA1151 Socket Core i3, i5, i7 & Pentium Processors (max. 65W)
- Intel® H110 Express Chipset
- Support Dual Channel DDR4 2133MHz, 2 \* DIMM slot, up to 32GB memory
- 2 \* Realtek Gigabit LAN (RTL8111G)
- 3 \* SATA III (6Gb/s), 1 \* M.2 (M key 2242, 2260, 2280, 22110)
- 4 \* USB 3.0, 5 \* USB 2.0/1.1
- 10 \* COM ports (COM1 supports RS232/422/485)
- Support TPM 1.2 function (option)
- Micro ATX form factor (244mm x 244mm)

<b>Form Factor</b>	
Dimensions	– Micro ATX (244 * 244mm)
<b>Processor System</b>	
CPU	– Intel LGA 1151 Socket Core i7 / i5 / i3 & Pentium Processors
Core Number	– (By CPU)
Max Speed	– (By CPU)
L2 Cache	– (By CPU)

Chipset	– Intel H110 Chipset
BIOS	– AMI 64Mb Flash ROM
<b>Expansion Slot</b>	
Mini-PCle	– 1 (full size)
m.2	– 1 (M Key 2242, 2260, 2280, 22110)
PCIe	– 1 * PCIe x16 & 1 * PCIe x 1
PCI	– 2
SIM card holder	– 1
<b>Memory</b>	
Technology	– Dual Channel DDR4 2133MHz
Max.	– 32GB
Socket	– 2 * DIMM
<b>Graphics</b>	
Controller	– Intel® Gen9 Graphics supports DX 11/12, OGL4.3 / 4.4
VRAM	– Shared Memory
VGA	– 1 (Max. Resolution : 1920*1200@60Hz)
DVI-D	– 1 (Max. Resolution : 1920*1200@60Hz)
HDMI	– 1 (Max. Resolution : 3840*2160@24Hz)
DP	– 0
eDP	– 0
MultiDisplay	– Dual Display
<b>Ethernet</b>	
Ethernet	– 10/100/1000 Mbps
Controller	– PCIe GbE LAN : Realtek RTL8111G
Connector	– 2 * RJ 45
<b>Audio</b>	
CODEC	– HD Audio : Realtek ALC662
Channel	– 6 Channel
<b>SATA</b>	
Max Data Transfer Rate	– 3 * SATAIII (6.0Gb/s) and 1 * M.2
RAID	– No
<b>Rear I/O</b>	
VGA	– 1
DVI-D	– 1
HDMI	– 1
Ethernet	– 2
USB	– 4 * USB 3.0, 2 * USB 2.0/1.1
Audio	– 3 (Line-In, Line-Out, MIC)
Serial	– 2 (COM1 support RS232/422/485 )
PS2	– 0
DC-input	– 0
<b>Internal Connector</b>	
USB	– 3 * USB 2.0
Serial	– 8
SATA	– 3

mPCIe	- 1 (full size)
M.2	- 1 (M key 2242, 2260, 2280, 22110)
SIM card holder	- 1
Chassis intrusion	- 1
PS/2	- 1
GPIO	- 1 (8 bit programmable inputs/outputs)
SMBUS	- 1
Audio Header	- 1
TPM	- 1 (Option)
AT mode	- 1
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
<b>Power Requirements</b>	
Input PWR	- 24 pin/8 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
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: 0°C – 60°C
	- Storage: -20°C – 85°C