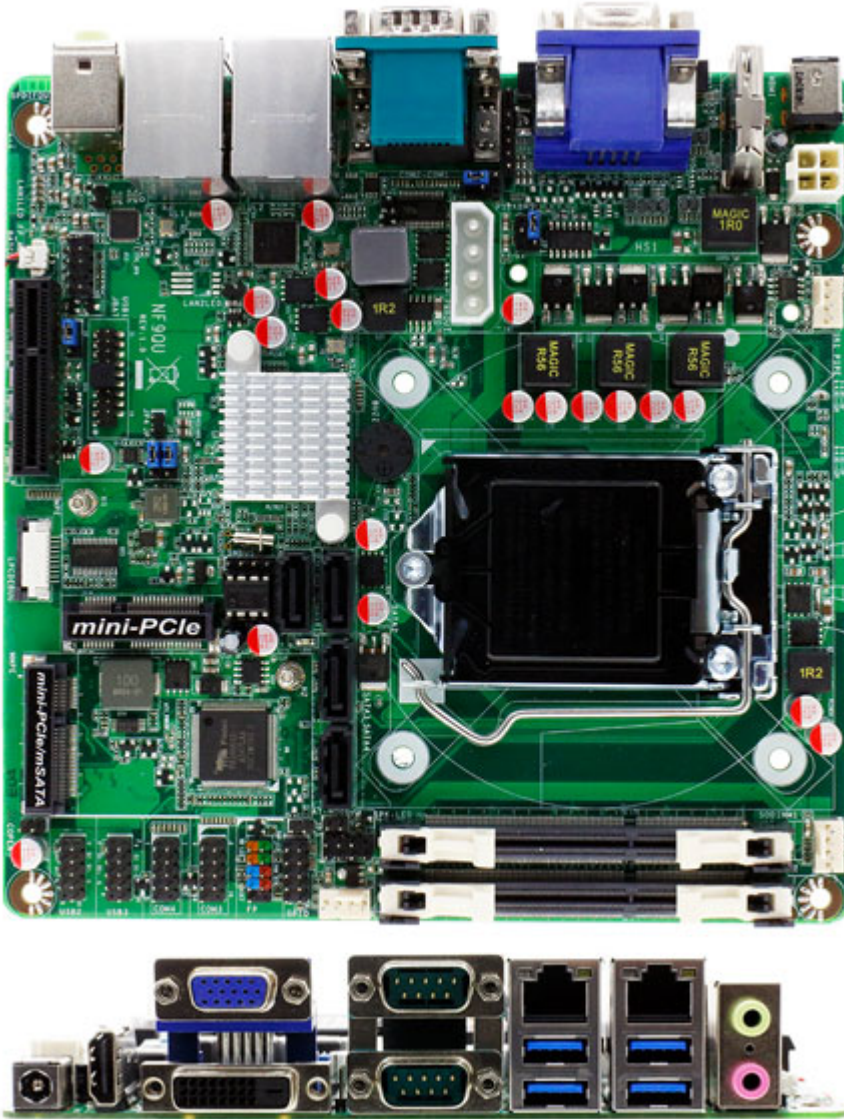


289.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Q87 Express Chipset
- Supports Intel LGA 1150 Socket Core™ i3, i5, i7 & Pentium Processors
- 2 \* Dual Channel DDR3 1600/1333 up to 16GB
- TPM supported (Option)
- Support Intel i211AT & i217LM GbE LAN
- Intel Active Management Technology ( iAMT 9.0)
- Support PCIe x4 slot
- 4-ports SATA III 6Gb/s support RAID 0, 1, 5, 10
- HDMI/ DVI-D/VGA Video Outputs
- Built-in Watchdog Timer Technology
- +9~24V Wide range DC-in PWR jack
- Mini-ITX Form Factor (170mm \* 170mm)

<b>Form Factor</b>	
<b>Dimensions</b>	- Mini-ITX (170 * 170mm)
<b>Processor System</b>	
<b>CPU</b>	- Intel LGA 1150 Socket Core i7/i5/i3/Pentium Processor
<b>Core Number</b>	- (by CPU)
<b>Max Speed</b>	- (by CPU)

<b>L2 Cache</b>	- (by CPU)
<b>Chipset</b>	- Intel Q87 Express chipset
<b>BIOS</b>	- AMI 64Mb Flash ROM
<b>Expansion Slot</b>	
<b>PCI</b>	- 0
<b>Mini-PCIe</b>	- 1 (half size)
<b>mSATA</b>	- 1 (shared with mPCIe)
<b>PCIe</b>	- 1 (x4)
<b>CFast Card Socket</b>	- 0
<b>CF Card Socket</b>	- 0
<b>Memory</b>	
<b>Technology</b>	- 2 * Dual CH DDR3 1600/1333MHz
<b>Max.</b>	- 16GB
<b>Socket</b>	- 2 * SO-DIMM
<b>Graphics</b>	
<b>Controller</b>	- (by CPU)
<b>VRAM</b>	- Shared Memory
<b>VGA</b>	- 1
<b>LVDS</b>	- 0
<b>HDMI</b>	- 1
<b>DVI-D</b>	- 1
<b>DisplayPort</b>	- 0
<b>MultiDisplay</b>	- Yes (Triple Displays)
<b>Ethernet</b>	
<b>Ethernet</b>	- 10/100/1000 Mbps
<b>Controller</b>	- GbE LAN: Intel i211AT & i217LM
<b>Connector</b>	- 2 * RJ 45
<b>SATA</b>	
<b>Max Data Transfer Rate</b>	- 4 * SATAIII (6.0Gb/s)
<b>Rear I/O</b>	
<b>VGA</b>	- 1
<b>DVI-D</b>	- 1
<b>HDMI</b>	- 1
<b>DisplayPort</b>	- 0
<b>Ethernet</b>	- 2
<b>USB</b>	- 4 (4 * USB 3.0)
<b>Audio</b>	- 2 (MIC / Line-out)
<b>Serial</b>	- 2 (RS-232/422/485 with 5V/12V selectable header)
<b>eSATA</b>	- 0
<b>PS2</b>	- 0
<b>DC-input</b>	- 1
<b>Internal Connector</b>	
<b>USB</b>	- 6 (4 * USB 2.0 + 2 * USB 3.0)
<b>PS2</b>	- 1
<b>LVDS / inverter</b>	- 0

<b>VGA</b>	- 0
<b>Serial</b>	- 2 (2 * RS-232 with 5V/12V selectable header)
<b>SATA</b>	- 4 * SATAIII (6.0Gb/s)
<b>mPCIe</b>	- 1 (half size)
<b>Parallel</b>	- 0
<b>mSATA</b>	- 1 (shared with mPCIe)
<b>CIR</b>	- 0
<b>GPIO 8-bit</b>	- 4in / 4 out
<b>Chassis intrusion</b>	- 1
<b>Audio Header</b>	- 1
<b>Watchdog Timer</b>	
<b>Output</b>	- From Super I/O to drag RESETCON#
<b>Interval</b>	- 256 segments, 0,1,2...255sec/min
<b>Power Requirements</b>	
<b>Input PWR</b>	- +9-24V DC-in (4-pin PWR Con)
<b>Power On</b>	AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
<b>Certifications</b>	
<b>Certifications</b>	- CE, FCC, RoHS, REACH
<b>Environment</b>	
<b>Temperature</b>	- Operating: 0°C – 60°C - Storage: -20°C – 85°C