



179.00 EUR

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

- Mini-PCI Express
- 2x LAN !
- 2x RS232 !
- DirectX 10 !

**Support:**  [Manual \[EN\]](#) |  [Specifications \[EN\]](#)

- INTEL®GM45 +ICH9M chipset
- Build-in INTEL® GMA X4500M HD Graphics Core(For DX10)
- Supports INTEL® 45nm Penryn Mobile Processors
- Supports 2 \* Gigabit LAN
- Integrated ALC888 HD Audio CODEC with 6-CH
- Onboard 18-bit dual channel LVDS connector
- Onboard DVI-D/HDMI port
- Support Watch dog Technology
- Mini-ITX Form Factor(170mm x 170mm)

|                |                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------|
| CPU            | Supports INTEL 45nm Penryn Mobile Processors<br>Front Side Bus 1066 MHz                           |
| Chipset        | INTEL®GM45+ ICH9M chipset<br>Build-in INTEL® GMA X4500M HD Graphics Core                          |
| Memory         | 2 * Dual Channel SO-DIMM Sockets for unbuffered DDR2 800/667<br>SDRAM up to 4GB                   |
| Expansion Slot | 1 * PCI slots<br>1 * Mini PCI-E                                                                   |
| Storage        | 4 * Serial ATA2 3Gb/s connectors<br>1 * 44-PIN Ultra DMA 100 / 66 IDE connector for 2 IDE devices |
| Audio          | Realtek ALC888 6-Channel HD Audio CODEC                                                           |

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| Ethernet LAN   | 2 * Realtek RTL8111C PCI-E Gigabit Ethernet LAN                                                                    |
| USB            | Embedded 10 * USB 2.0/1.1                                                                                          |
| LVDS           | Onboard 18-bit dual channel LVDS connector                                                                         |
|                | - 4 * USB 2.0/1.1 ports                                                                                            |
|                | - 2 * RJ-45 ports                                                                                                  |
|                | - 1 * Audio I / O port ( Line-in, Line-out, MIC, SPDIF_OUT)                                                        |
| Real Panel I/O | - 1 * VGA port                                                                                                     |
|                | - 2 * COM port                                                                                                     |
|                | - 1 * HDMI port                                                                                                    |
|                | - 1 * DVI-D port                                                                                                   |
|                | - 3 * USB 2.0/1.1 headers for 6 USB 2.0 ports                                                                      |
|                | - NB / Chassis Fan connectors;                                                                                     |
|                | - 1 * 20-pin ATX Power connector                                                                                   |
|                | - 1 * 32-pin LVDS header                                                                                           |
| Internal I/O   | - 2 * RS232 port headers & 1 * RS232/485/422 port header & 1 * GPIO header                                         |
|                | - 1 * TV-OUT header                                                                                                |
|                | - 1 * Audio header                                                                                                 |
| BIOS           | Award 8MB DIP Flash ROM                                                                                            |
| Form Factor    | Mini ITX Form Factor(170mmx170mm)                                                                                  |
| Funtional      | ATM, Automation, medical Equipment, Security, Networking, POS, General Application, Gaming Machine, Transportation |
| Certificate    | CE, FCC, RoHS                                                                                                      |

**Scope of supply:**

- Jetway NF93-LF Mainboard
- CPU cooler/heatsink
- Driver CD
- Manual
- IDE-44pin Cable
- SATA Cable
- I/O Shield
- SP2 Cable
- Thermal Grease
- HDTV PCI Slot adapter