



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



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

1. INTEL®GM45 +ICH9M-E chipset
2. Build-in INTEL® GMA X4500M HD Graphics Core(For DX10)
3. Supports INTEL® 45nm Penryn Mobile Processors
4. Supports 2 \* Gigabit LAN
5. Integrated ALC888 HD Audio CODEC with 6-CH
6. Onboard 18-bit dual channel LVDS connector
7. Onboard DVI-D/HDMI port/VGA port
8. Integrated Serial ATA2 3Gb/s slots
9. Support Watch dog Technology
10. Mini-ITX Form Factor(170mm x 170mm)

1. CPU

1. Chipset

1. Memory

1. Expansion Slots

1. Storage

1. Supports INTEL 45nm Penryn Mobile Processors

2. Front Side Bus 1066 MHz

1. INTEL®GM45+ ICH9M-E chipset

2. Build-in INTEL® GMA X4500M HD Graphics Core

1. 2 \* Dual Channel SODIMM Sockets for unbuffered DDR2  
800/667 SDRAM up to 8 GB

1. 1 \* PCI slots

2. 1 \* Mini PCI-E

1. 4 \* Serial ATA2 3Gb/s connectors

2. 1 \* 44-PIN Ultra DMA 100 / 66 IDE connector for 2 IDE devices

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|---------------------|---|
| 1. Audio            | 1. Realtek ALC888 6-Channel HD Audio CODEC  |
| 1. Ethernet LAN     | 1. 2 * Realtek RTL8111C PCI-E Gigabit Ethernet LAN  |
| 1. USB              | 1. Embedded 10 * USB 2.0/1.1  |
| 1. LVDS             | 1. Onboard 18-bit dual channel LVDS connector   |
|                     | 2.  |
|                     | 1. 4 * USB 2.0/1.1 ports  |
|                     | 2. 2 * RJ-45 ports  |
|                     | 3. 3 * Audio I / O ports ( Line-in, mic and line-out )  |
| 1. Rear Panel I / O | 4. 1 * VGA port   |
|                     | 5. 2 * COM port   |
|                     | 6. 1 * HDMI port  |
|                     | 7. 1 * DVI-D port   |
|                     | 1. 3 * USB 2.0/1.1 headers for 6 USB 2.0 ports  |
|                     | 2. NB / Chassis Fan connectors;   |
|                     | 3. 1 * 20-pin ATX Power connector   |
| 1. Internal I / O   | 4. 1 * 32-pin LVDS header   |
|                     | 5. 2 * RS232 port headers & 1 * RS232/485/422 port header & 1 * GPIO header   |
|                     | 6. 1 * TV-OUT header  |
|                     | 7. 1 * Audio_header for SPDIF_OUT   |
| 1. BIOS             | 1. Award 8MB DIP Flash ROM  |
| 1. Form Factor      | 1. Mini ITX Form Factor(170mmx170mm)  |
|                     | 1. Color Box Dimension200(W) x 200(D) x 70(H)mm   |
|                     | 2. Cases Gross Weight15.4KGS  |
| 1. Packing          | 3. Cases Net Weight10.3KGS  |
|                     | 4. 20 PCS / Cases, Case size : 720(L) x 410(W) x 200(H)mm   |
| 1. Functional       | 1. ATM, Automation, medical Equipment, Security, Networking, POS, General Application, Gaming Machine, Transportation |
| 1. Certificate      | 1. CE, FCC, RoHS  |
| 1. Temperature      | 1. Operating within 0~60 centigrade   |
|                     | 2. Storage within -20-85 centigrade   |

**Product Accessories**

- COM cable
- Manual
- CD
- 1x SATA cable
- I/O shield
- 1x IDE cable
- Thermal grease
- CPU fan
- HDTV cable