



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

This mainboard incorporates an AMD S1 processor socket compatible with AMD Turion 64x2 Dual-Core, AMD Turion 64, and Mobile AMD Sempron processors. It also implements the ATI RS485M Chipset with ATI Radeon X-300-based 2D/3D graphics engine, dual display. This high level integration optimizes the design of high performance, low-power-consumption solutions for embedded products, including thin clients, gaming, kiosks, point-of-sale, and other graphics-centric embedded applications.

Scope of supply :

- LV-681 Mainboard
- Quick-Start-Guide, Drivers-CD
- CPU cooler
- IDE-cable
- SATA cable
- Serial port cable
- I/O Bracket

- Support AMD Mobile Turion 64 x2 / Sempron
- 2 x 200-pin SO-DIMM support DDRII up to 2.0 GB
- Standard Mini-ITX PC industrial embedded systems
- Integrated ATI RADEON X-300 based 2D/3D graphics engine
- Integrated ALC655 codec, 2 x Giga Ethernet interface.
- 2 x SATA interface, CompactFlash socket
- USB 2.0, RS232, LVDS interface
- Mini-PCI socket, IDE support 40-pin DOM
- Standard 20-pin ATX power supply

Form Factor

Mini-ITX Motherboard (170 x 170 mm)

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|-----------------------------|---|
| CPU | support AMD Mobile Turion 64 / Sempro processor at 638-pin |
| Memory | 2 x 200-pin DDRII 400/533 SO-DIMM socket supports up to 2GB |
| Chipset | ATI RS485M & ATI SB460 |
| Enhanced IDE | One UltraATA/100/133 IDE channel up to 2 ATAPI devices. Onboard 1 x 40-pin IDE connector |
| VGA Interface | built-in ATI RADEON X-300 based 2D/3D graphics engine |
| LVDS Interface | Onboard 18-bit dual channel LVDS |
| Serial ATA Interface | 2 x SATA interface with 150 MB/s transfer rate |
| Audio Interface | Realtek ALC655 Codec |
| LAN Interface | 2 x Realtek RTL8111B Giga LAN |
| Extend Interface | 1 x PCI slot & 1 x Min-PCI socket |
| External I/O Port | 2 x serial port, 1 x PS/2 keyboard/Mouse, 4 x USB 2.0, 1 x Audio, 2 x RJ45 LAN |
| Internal I/O Port | 2 x serial port, 1 x GPIO, 4 x USB 2.0, 1 x LVDS |
| Power Requirement | Standard 20-pin ATX power supply |
| Board Dimension | 170mm x 170 mm (L x W) |

