



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

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

