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## LV - 677 Core Duo / Core Solo Mini ITX Board



### Features

- Mini-ITX Board based on Intels Core Duo and Core Solo Processor
- Intel High Definition Audio
- High Speed PCI Express Connector
- Mini-PCI-Socket
- GigaBit LAN
- SATA
- LVDS, HDTV
- 6 x USB 2.0, 2 x COM , IEEE1394
- 8-Bit Digital I/O
- Compact Flash socket
- Single Voltage 9 ... 21 VDC or ATX Power

### Specification

- **CPU:** Intel Core Duo / Core Solo Processors @ 667MHz FSB.
- **Memory:** 2 x 240 pin DDR2 533/667MHz up to 4.0GB.
- **Chipset:** Intel 945GM and ICH7-M.
- **VGA Interface:** Intel 945GM integrated GMA 950 Technology.
- **LVDS Interface:** 18-bit dual channel LVDS interface.Supports up to WUXGA panel resolution.
- **TV out:** HDTV built-in.
- **LAN Interface:** Intel 82537L PCIE Giga LAN
- **PCI Enhanced IDE:** UltraATA100 IDE up to 2 ATAPI .
- **Serial ATA:** Integrated Serial ATA controller facilitates high-speed data transfers at up to 150 MB/s for each of 2 ports.
- **Audio:** Intel ICH7-M integrated with Realtek ALC880 High Definition Audio.
- **I/O Ports:** 1 x RS232 and 1 x RS232/422/485 serial Port, 1 x parallel Port, 6 x USB2.0 , 1 x DB15 VGA port, 1 x IEEE1394, 1 x PS/2 keyboard and mouse port
- **Extended Interface:** One PCI Express x 16 bus add-in card connector, 2 x Mini-PCI socket.
- **SSD:** IDE1 supports DOM & 1 x CompactFlash socket.
- **GPIO Interface:** Onboard programmable 8-bit Digital I/O interface.
- **Power supply:** ATX P/S or DC 9~21V used optional.
- **Power Consumption :** 20 W with Core/Duo CPU@1.66 GHz

### Environmental

Operating Temperature : 0 ... 60 ° C  
Storage : -20 ... 85 ° C  
Relative Humidity : 10% .. 90 % (non-Condensing)

### Approval

CE, FCC

### Formfactor

Mini ITX

### Dimensions

170 x 170 mm