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## LV-675 High Performance Pentium M – Fanless Mini - ITX Board



### Specification

Intel Socket 479 Pentium M (Banias) and Celeron M Processors up to 2.2 GHz (Dothan)

### Hyper Threading Technology

**Core Logic** Intel High Performance Chipset

### BIOS

Award Bios

### Front Side Bus

400/533 MHz

### Memory

1 x 184 Pins DIMM Socket support 1 GB DDR –SD-RAM  
200/266/333 –ECC

### Onboard LVDS/VGA Controller

Intel Built in Extreme Chipset LVDS or DVI Funktion  
Support **Dual Channel LVDS Panel**, display up to UXGA Res.  
or DVI-Output  
SVideo, Video Comp. Out , TV-Out

### Gigabit LAN Controller

Intel 82541 for 10/100/1000 Base TX support WOL

### OnBoard IDE

2 x EIDE Channels for PIO Mode, DMA mode  
Support 4 x ATA 100/66/33 IDE Devices

**DOM DiskonModule** IDE-Based

**OnBoard Floppy Controller** One Slim Floppy Controller

### Audio

Realtek ALC655 5.1 AC97 Audio & S/P DIF Interface

### Features

- Socket 479 for Intel Pentium & Celeron Mobile Processors up to 2.2 GHz
- Hyper Threading Technology
- 400/533 MHz FSB
- Fanless Operation with optional Heatpipe
- Intel High-Perf. Chipset
- Chipset Integrated LVDS/VGA Function
- AC97 Audio Codec
- 10/100/1000 Base TX Ethernet
- USB 2.0 Ports/ 2 Com-Ports/LPT
- 1 x PCI Slot, 2 Mini-PCI Slots

### Multi I/O

Onboard Winbond W83627 HF Chip support  
1 x IrDA by pin Header  
1x SPP, EPP /ECP Parallel Port by Pin Header  
1 x RS-232 (Com 1), 1x RS-232/422/485 Port (Com2)  
8-Bit GPIO

### Keyboard Mouse Connector

Staked Connector for Keyboard & Mouse

### USB

4 x USB ports

### Expansion

1 onBoard PCI-Slot  
up to 2 PCI Optioncards with 1 / 2 Slot Riser-Card  
2 x Mini-PCI

### Hardware Monitoring

Winbond W82627 HF Chip, Monitoring of CPU,  
System Temperature, Voltage and FAN

### Watch Dog Timer

256 Levels Software programmable

### Environmental

Operating Temperature : 0 .. .60 ° C  
Storage : -20 ...85 ° C  
Rel. Humidity : 10% .. 90 % (non-Condensing)  
Fanless Operation with Passive Cooler/Heatpipe

**Power Requirements :** Standard ATX

### Approvals

CE, FCC

### Formfactor

Mini ITX

### Dimensions

170 x 170 mm