

# Mini-ITX motherboard

## LV-675

Intel Pentium M/Celeron M

Onboard VGA, One Intel Gigabit LAN

4x USB2.0, S-Video, 2 X Mini-PCI

Realtek ALC655 AC97 Audio



<b>Form Factor</b>	Mini-ITX compact motherboard
<b>CPU</b>	Intel Pentium M/Celeron M processor Package type: FC-PGA478 Front side bus: 400/533MHz
<b>Memory</b>	DDR 200/266/333MHz SDRAM up to 1GB
<b>Chipset</b>	Intel high performance chipset
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min/s ~ 255min/s
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode.
<b>PCI Enhanced IDE</b>	One 40-pin UltraATA100 IDE interface supports up to 2 ATAPI devices One onboard 44-pin IDE connector
<b>VGA Interface</b>	Intel integrated extreme Technology
<b>Video Memory</b>	Up to 64MB shared with system memory
<b>Audio Interface</b>	Realtek ALC655 AC97 Audio
<b>LAN Interface</b>	Intel 82541PI Gigabit LAN
<b>Solid State Disk</b>	IDE1 supports 40-Pin DiskOnModule with +5V power supply IDE2 supports 40-Pin DiskOnModule with +5V power supply
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	Two Mini-PCI socket and one PCI Slot.
<b>Internal I/O Port</b>	1 x RS232 port , 1 x RS232/422/485, 1 x slim FDD port, 1 x GPIO port, 1 x CDIN connector, 2 x USB ports, 1 x IrDA connector 1 x LVDS and 1 x LCD inverter connector(LV-675X only) , 1 x 24-pin ATX Power Connector 1 x DVI connector(LV-675D only), 1 x Audio connector
<b>External I/O Port</b>	1 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port, 2 x USB2.0 ports, 1 x IEEE1394 port , 1 x SPDIF connector 1 x S-video and Composite TV-out connector, 1 x Parallel Port
<b>External Audio Port</b>	Line-out/Front, Line-in/Rear and MIC-in/Center
<b>Power Requirement</b>	Standard 24-pin ATX power supply (20-pin is compatible)
<b>Dimension</b>	170mm x 170mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

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## Ordering Code

<b>LV-675X</b>	Intel Pentium M Mini-ITX motherboard with onboard VGA, 1 x Gigabit LAN, 4 x USB 2.0 Ports, Audio, 2 x RS232 serial port, S-Video, 1x PCI slot, 2 x Mini-PCI, 1 x Parallel Port, 1x SPDIF, <b>LVDS</b>
<b>LV-675D</b>	Intel Pentium M Mini-ITX motherboard with onboard VGA, 1 x Gigabit LAN, 4 x USB 2.0 Ports, Audio, 2 x RS232 serial port, S-Video, 1x PCI slot, 2 x Mini-PCI, 1 x Parallel Port, 1x SPDIF, <b>DV</b>
<b>MP-878D</b>	Mini-PCI Capture Card
<b>MP-541D</b>	Mini-PCI with one Giga Ethernet With Intel 82541PI PCI Connector
<b>MP-541D2</b>	Mini-PCI with two Giga Ethernet With Intel 82541PI PCI Connector
<b>MP-954</b>	Mini-PCI support 3 x RS232 & 1 x RS232/422/485 module
<b>MP-2400A</b>	Mini PCI 802.11b/g Wireless card
<b>MP-323</b>	Mini PCI IEEE 1394A Module

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