

## Mini-ITX motherboard

# LV-67A

Support Intel® Core™ 2 Quad / Core™ 2 Duo /

Celeron® processor, Onboard VGA

HD Audio, 1 x Mini-PCI, 1 x PCI, 6 x SATA

2 x Gigabit LAN, LVDS, 2 x DVI, 1 x CRT



<b>Form Factor</b>	Mini-ITX motherboard
<b>CPU</b>	Support Intel® Core™ 2 Quad / Core™ 2 Duo / Celeron® processor Package type: PLGA775 Front side bus: 800/1066/1333MHz
<b>Memory</b>	2 x DDR3 800/1066MHz DIMM support up to 4.0 GB
<b>Chipset</b>	Intel® Q45 Express Chipset & ICH10DO(82801IDO)
<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 2.0 compliant, supports power saving mode.
<b>Serial ATA Interface</b>	Intel® ICH10DO built-in 6 x Serial ATAII interface up to 300MB/s Support RAID 0, 1, 5, 10 and Intel® Matrix Storage Technology
<b>VGA Interface</b>	Onboard Intel® integrated extreme GMA 4500(Graphic Media Accelerator) Technology Optional Secondary CRT Connector ( <b>LV-67AT</b> )
<b>Video Memory</b>	Up to 1024MB shared with system memory
<b>LVDS interface</b>	Optional 18/24-bits dual channel LVDS interface ( <b>LV-67AX</b> )
<b>DVI interface</b>	Optional DVI interface ( <b>LV-67AD/LV-67AD2</b> )
<b>Audio Interface</b>	Intel® integrated ICH10DO with Realtek ALC888 HD Audio
<b>LAN Interface</b>	2 x Intel® 82574L Gigabit LAN
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	1 x PCI slot, 1 x Mini-PCI socket support Mini-PCI Type-III A
<b>Internal I/O Port</b>	1 x RS-232, 1 x Slim FDD, 1 x GPIO, 1 x CDIN, 1 x SMBUS, 1 x Audio 1 x IrDA, 4 x USB, <b>1 x LVDS, 1 x LCD inverter connector (Optional)</b> <b>1 x CRT (Optional), and 2 x DVI (Optional)</b>
<b>External I/O Port</b>	2 x RS232, 1 x RS232/422/485, 2 x LAN, 1 x VGA, 1 x PS/2, 4 x USB2.0, 1 x SPDIF 1x Audio
<b>Power Requirement</b>	Standard P4 4-pin 12V and 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-67AD</b>	Onboard VGA, 2 x Intel® Gigabit LAN, 8 x USB2.0, Mini-PCI, PCI, 4 x serial Port, 1 x FDD Realtek ALC888 HD Audio, 6 x SATA , 1 x IrDA , <b>1x DVI Interface</b>
<b>LV-67AD2</b>	Same as LV-67AD with <b>secondary DVI</b> Interface
<b>LV-67AX</b>	Same as LV-67AD with 18/24-bits <b>LVDS</b> instead of DVI
<b>LV-67AT</b>	Same as LV-67AD with <b>secondary CRT</b> instead of DVI
<b>MP-6421</b>	Mini PCI with one 44-pin Ultra DMA 33 IDE interface supports up to 2 ATAPI devices 1 x Compact Flash Type II and 2 x serial ATA interface

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