

# Industrial Single Board Computer

## Mini-ITX Motherboard

### LV-67G

Support 2nd Generation Intel® Core™ i7/ i5/ i3/

Pentium/Xeon® Desktop Processor

Onboard VGA, DVI, HD Audio, Serial ATA,

Intel® Gigabit LAN



<b>Form Factor</b>	Mini-ITX motherboard
<b>CPU</b>	Supports 2nd Generation Intel® Core™ i7/ i5/ i3/ Pentium/Xeon® Desktop Processor. Package type: FCLGA1155
<b>Memory</b>	Two DDR3 1066/1333 DIMM up to 16GB
<b>Chipset</b>	Intel® BD82Q67 PCH
<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>Serial ATA Interface</b>	Intel® Q67 PCH built-in 2 x Serial ATAII interface up to 300MB/s & 2 x Serial ATAIII interface up to 600MB/s Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.
<b>VGA Interface</b>	Intel® Clear Video integrated HD Graphics Technology
<b>DVI Interface</b>	Onboard Chrontel CH7318C DVI Transmitter for DVI interface
<b>Audio Interface</b>	Intel® integrated Q67 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>	One PCIE X 16 slot, One PCIE Mini card, One Mini PCI socket.
<b>Internal I/O Port</b>	1 x RS232/422/485, 1 x GPIO port, 1 x CDIN connector, 1 x Audio connector, 1 x IrDA connector, 1 x SMBUS connector and 4 x USB ports,
<b>External I/O Port</b>	1 x PS/2 Keyboard/Mouse Port, 2 x RJ45 LAN ports, 1 x DB15 VGA port, 4 x USB2.0 ports and 3 x Serial Port.
<b>External Audio</b>	Line-in, MIC-in, Front, Rear, Center/Subwoofer and Optical SPDIF outputs.
<b>Power Requirement</b>	Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V
<b>Dimension</b>	170mm x 170mm (L x W)
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

#### Ordering Code

<b>LV-67G</b>	Onboard VGA, DVI, 2 x Gigabit LAN, 8 x USB2.0, 4 x serial Port, 4 x SATA, 1 x IrDA Realtek HD 5.1CH Audio, Mini-PCI, PCIE Minicard, PCIE x16.
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For further product information please visit the website at <http://www.comnell.com.tw>