

Industrial Single Board Computer

Mini-ITX Motherboard

LV-67C

Support Intel® Core™ i7/ i5/ i3/ Pentium®
Desktop Processor Onboard VGA, DVI, HD
Audio, Serial ATA, Intel® Gigabit LAN
PCIE X16. PCIE Minicard. Mini PCI



Form Factor	Mini-ITX motherboard
CPU	Support Intel® Core™ i7/ i5/ i3/ Pentium® Desktop Processor Package type: FCLGA1156 Bus Speed: 2.5GT/s DMI
Memory	Two DDR3 1066/1333 MT/s DIMM up to 8GB
Chipset	Intel® BD82Q57 PCH
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	ACPI 1.0 compliant, supports power saving mode
Serial ATA Interface	Intel® Q57 PCH built-in 4 x Serial ATAII interface up to 300MB/s Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.
VGA Interface	Intel® Core™ integrated HD Graphics Technology
Video Memory	Up to 1.7GB shared with system memory
DVI Interface	Onboard DVI transmitter with 26-pin DVI connector
Audio Interface	Intel® integrated Q57 with Realtek ALC888 HD Audio.
LAN Interface	2 x Intel® 82574L Gigabit LAN.
GPIO interface	Onboard programmable 8-bit Digital I/O interface.
Extended Interface	One PCIE X 16 slot, One PCIE Mini card, One Mini PCI socket.
Internal I/O Port	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,
External I/O Port	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.
External Audio	Line-in, MIC-in, Front, Rear, Center/Subwoofer and Optical SPDIF outputs.
Power Requirement	Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V
Dimension	170mm x 170mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

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