

Industrial Single Board Computer

Mini-ITX Motherboard

LV-67J

Support 3rd Generation Intel® Core™ i7/ i5/ i3/

Onboard VGA, DVI, HD Audio, Serial ATA,

Intel® Gigabit LAN PCIE X16, PCIE Minicard, Mini PCI



Form Factor	Mini-ITX motherboard
CPU	Supports 3rd Generation Intel® Core™ i7/ i5/ i3/Celeron® Desktop Processor. Package type: FCLGA1155
Memory	Two DDR3 1066/1333 DIMM up to 16GB
Chipset	Intel® BD82Q77 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® Q77 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.
VGA Interface	Intel® Clear Video integrated HD Graphics Technology
DVI Interface	Onboard DVI with 20-pin connector
Audio Interface	Intel® integrated Q77 with Realtek ALC888 HD Audio.
LAN Interface	1 x Intel® 82574L Gigabit LAN & 1 x Intel® 82579LM Gigabit LAN
GPIO interface	Onboard programmable 8-bit Digital I/O interface.
Extended Interface	One PCIE X 16 Gen3 slot, One Mini PCI socket, One PCIE Mini card Support mSATA or Mini_Card for option
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 USB3.0 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 (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

LV-67J	Onboard VGA, DVI, 2 x Gigabit LAN, 4 x USB2.0, 4 x USB3.0, 4 x serial Port, 4 x SATA, 1 x IrDA, Realtek HD Audio, Mini-PCI, PCIE Minicard, PCIE x16.
LV-67JS	Onboard VGA, DVI, 2 x Gigabit LAN, 4 x USB2.0, 4 x USB3.0, 4 x serial Port, 4 x SATA, 1 x IrDA, Realtek HD Audio, Mini-PCI, PCIE x16, mSATA .

For further product information please visit the website at <http://www.commell.com.tw>

