

Industrial Single Board Computer

Mini-ITX motherboard

LV-67K

Support 3rd Generation Intel® Core™ i7, Core™ i5 and Core™ i3 CPU with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN, USB2.0 ,USB3.0 ,PCIE x16, PCI Express mini card, mSATA, Serial ATAI, Serial ATAIII, HD Audio, SPDIF



Form Factor	Mini-ITX motherboard
CPU	3 rd Generation Intel® Core™ i7, Core™ i5, Core™ i3 Mobile Processor Package type: rPGA988B
Memory	2 x DDRIII SO-DIMM 1066/1333/1600 MHz up to 16GB Support Non-ECC, unbuffered memory only
Chipset	Intel QM77
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	Supports ACPI 3.0 compliant
Serial ATA Interface	4 x serial ATAI interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.
Integrated Graphics	Intel® HD Graphics 4000 Technology
VGA Interface	Onboard DSUB15 connector for VGA interface
LVDS Interface	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
DVI interface	Onboard DVI with 20-pin connector
Audio Interface	Realtek ALC888 HD Audio
LAN Interface	1 x Intel 82579LM Gigabit LAN (Support iAMT8.0) 1 x Intel 82574L Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCIE x16 slot, 2 x PCIE mini card socket, 1 x SIM socket (Optional support mSATA(SATAII) for Mini_Card2,but SATA6 will be disable)
Internal I/O Port	3 x RS232,1 x SMBUS, 1 x GPIO, 6 x USB2.0 ports, 1 x IrDA, 1 x DVI , 1 x LVDS, 4 x Serial ATAI,2 x Serial ATAIII, 1 x Front panel Audio and 1 x CDIN
External I/O Port	1 x PS/2, 2 x LAN ports, 1 x VGA port, 4 x USB3.0 ports, 1 x RS232/422/485, 2 x RS232, 1 x SPDIF and 1 x 2 Channel HD Audio
Power Requirement	Standard 24-pin ATX power supply or 9~24V full range DC Input
Dimension	170mm x 170mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Taiwan Commate Computer Inc.

19F, NO. 94, Sec. 1, Shin Tai Wu Rd., Hsi Chih, Taipei Shien, Taiwan.

TEL: +886-2-26963909

Website:www.commell.com.tw

FAX: +886-2-26963911

E-mail:info@commell.com.tw



Stage For Your Success

Ordering Code

LV-67K	Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, SIM, GPIO, PCIE x16 and PCI Express mini card.
LV-67KS	Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, SIM, GPIO, PCIE x16 and PCI Express mini card, mSATA.

Taiwan Commate Computer Inc.

19F, NO. 94, Sec. 1, Shin Tai Wu Rd., Hsi Chih, Taipei Shien, Taiwan.

TEL: +886-2-26963909

Website:www.commell.com.tw

FAX: +886-2-26963911

E-mail:info@commell.com.tw



Stage For Your Success