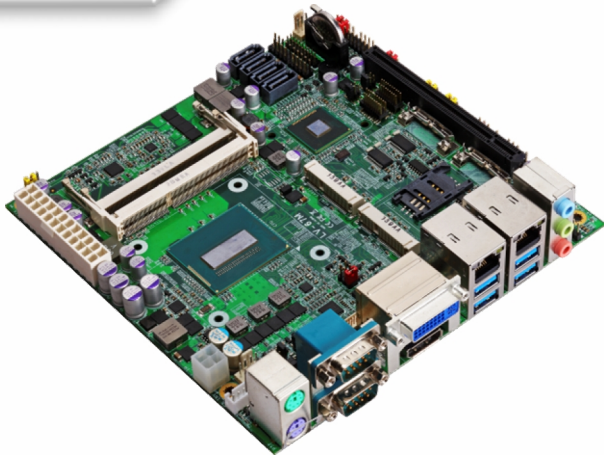


LV-67M



Features

- Onboard 4th Gen Intel® Core™ Mobile Processor with QM87 PCH
- 2 x DDR3L SO-DIMM 1333/1600 up to 16GB
- Integrated VGA, DVI-I, DisplayPort, LVDS for Triple display supports
- 2 x Intel® Gigabit LAN
- 1 x PCIe(x16) slot, 2 x Mini PCIe and 1 x SIM Slot
- 4 x SATA3, 4 x USB2.0, 6 x USB3.0, 6 x COM, 1 x DIO, 1 x SMBus, 1 x LPC
- Supports Watchdog Timer, iAMT9.0
- DC input 9~24V

System

Processor	4th Gen Intel® Core™ i7, i5, i3, Celeron Mobile Processor, FCBGA1364 package
Chipset	Intel® DH82QM87 PCH
Memory	2 x DDR3L SO-DIMM 1333/1600 MHz up to 16GB, Support Non-ECC, unbuffered memory only
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Expansion	1 x PCIe x16, 2 x Mini PCIe(one support mSATA), 1 x SIM slot Note that mSATA Only Support SATA3

Graphics

Chipset	Intel® 4th Gen integrated HD Graphics
Display Interface	1 x VGA, 1 x DVI-I, 1 x DisplayPort, 1 x LVDS

LAN

Chip	1 x Intel® I210-AT Gigabit LAN 1 x Intel® I217-LM Gigabit LAN (Support iAMT9.0)
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I/O

Serial ATA	4 x SATA3 support RAID0, 1, 5, 10 and IRST Note that Hard Disk Only Support SATA3
Audio	Realtek ALC888 HD Audio
Digital I/O	Programmable 8-bit GPIO with 12 pin-header
Internal I/O	4 x SATA3, 4 x RS232, 4 x USB2.0, 2 x USB3.0, 1 x VGA, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x SMBUS, 1 x DIO, 1 x Front panel Audio, 1 x CDIN, 1 x IrDA
Rear I/O	1 x PS/2, 1 x RS232/422/485, 1 x RS232, 1 x DVI-I, 1 x DisplayPort, 4 x USB3.0, 2 x LAN, 1 x Audio

Mechanical & Environmental

Power Requirement	ATX or DC Input 9~24V Note that do not use at the same time
Size & Thickness	170mm x 170mm (L x W), 1.6mm
Temperature	Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90%, non-condensing

Ordering Information

Standard	4th Gen Intel® Core™ Mobile Processor , VGA, DVI, DisplayPort, LVDS, USB2.0, USB3.0, PCIe x16, Mini PCIe, mSATA, LAN, Audio, SATA3, COM, LCD inverter, SMBus, LPC, SIM, GPIO, IrDA, CDIN.
Ordering code	LV-67M17L: i7-4700EQ Processor LV-67M17Q: i5-4402E Processor LV-67M17R: i3-4102E Processor LV-67M17P: Celeron 2002E Processor