

LV-67R



System

Processor	Intel® Skylake Core™ i7, i5, i3 H-series Processor, FCBGA1440 package
Chipset	Intel® QM170
Memory	2 x DDR4 SO-DIMM 2133 MHz up to 32GB, Support Non-ECC, unbuffered memory only
Watchdog Timer	Generates a system reset with internal timer for 1 min/s ~ 255 min/s
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Expansion	1 x MiniPCle (support mSATA) 1 x Half Size MiniPCle 1 x Sim slot 1 x PCIE X16 slot

Graphics

Chipset	Intel® 9th Gen integrated HD Graphics
Display Interface	1 x DVI-I, 1 x DisplayPort(optional), 1 x LVDS 1 x CRT, 1 x HDMI

Ordering Information

Ordering code	LV-67R3: I3-6100E, DisplayPort, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	LV-67R5: I5-6440EQ, DisplayPort, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	LV-67R7: I7-6820EQ, DisplayPort, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	LV-67RT3: I3-6100E, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	LV-67RT5: I5-6440EQ, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	LV-67RT7: I7-6820EQ, CRT, DVI, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or DC in 6~30V.
	ADP-3355: With LV-67RT series for 2nd CRT

Features

- Onboard Intel® 6th Gen Core™ H-series Processor
- 2 x DDR4 SO-DIMM 2133 MHz up to 32GB
- Integrated CRT, DVI-I, DisplayPort, HDMI, LVDS for Triple display supports
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN
- 1 x MiniPCle, 1 x Half Size MiniPCle
- 3 x SATA3, 4 x USB2.0, 6 x USB3.0, 6 x COM, 1 x LPC, 1 x GPIO, 1 x SIM Slot, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply or 4-pin 6~30V

LAN

Chip	1 x Intel® I219-LM Gigabit PHY LAN (Support iAMT11.0) 1 x Intel® I210-AT Gigabit LAN
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I/O

Serial ATA	3 x SATA3
Audio	Realtek ALC262 HD Audio
Internal I/O	3 x SATA3, 4 x RS232, 4 x USB2.0, 2 x USB3.0, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x GPIO, 1 x Audio, 1 x PS/2, 1 x SMBUS, 1 x CRT
Rear I/O	1 x DisplayPort(optional), 1 x DVI-I, 1 x HDMI, 4 x USB3.0, 2 x LAN, 1 x RS232/422/485, 1 x RS232, 1 x Audio

Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply or 4-pin 6~30V (with no LVDS, 60W)
Size	170mm x 170mm (L x W)
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