

### LV-67R



### 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 MiniPCie, 1 x Half Size MiniPCie
- 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

### System

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

### Graphics

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

### Ordering Information

<b>Ordering code</b>	<b>LV-67R3:</b> 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.
	<b>LV-67R5:</b> 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.
	<b>LV-67R7:</b> 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.
	<b>LV-67RT3:</b> 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.
	<b>LV-67RT5:</b> 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.
	<b>LV-67RT7:</b> 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.
	<b>ADP-3355:</b> With LV-67RT series for 2nd CRT

### LAN

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

<b>Serial ATA</b>	3 x SATA3
<b>Audio</b>	Realtek ALC262 HD Audio
<b>Internal I/O</b>	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
<b>Rear I/O</b>	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

<b>Power Requirement</b>	Standard 24-pin ATX power supply or 4-pin 6~30V (with no LVDS, 60W)
<b>Size</b>	170mm x 170mm (L x W)
<b>Temperature</b>	Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~80°C (-4°F~176°F)
<b>Relative Humidity</b>	10%~90%, non-condensing