

LV-67S



Features

- Intel® 6th & 7th Gen Core™ and Xeon® Processor
- 2 x DDR4 DIMM 1866/2133 MHz up to 32GB
- Integrated VGA, DVI, DisplayPort, HDMI, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe, 1 x Half Size MiniPCIe
- 4 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 and 4-pin 12V

System

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|------------------------|---|
| Processor | Intel® 6th & 7th Core™ i7/ i5/ i3 and Xeon® E3-1200 v5/ v6 Processor, FCLGA1151 package |
| Chipset | Intel® C236 |
| Memory | 2 x DDR4 DIMM 1866/2133 MHz up to 32GB, Support Non-ECC, unbuffered memory <i>(Xeon® E3-1200 v5 / v6 Product support ECC memory)</i> |
| 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 MiniPCIe (support mSATA) 1 x Half Size MiniPCIe (support mSATA) 1 x SIM slot 1 x PCIe X16 slot |

Graphics

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| Processor | Intel® 9th Gen integrated HD Graphics <i>(A few Xeon® E3-1200 v5/ v6 Product CPU doesn't support)</i> |
| Display Interface | 1 x DVI, 1 x DisplayPort(<i>optional</i>), 1 x VGA, 1 x HDMI 1 x LVDS (<i>Note1</i>) |

LAN

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| Chip | 1 x Intel® I219-LM Gigabit PHY LAN 1 x Intel® I210-AT Gigabit LAN |
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I/O

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|---------------------|--|
| Serial ATA | 4 x SATA3 |
| Audio | Realtek ALC262 HD Audio |
| Internal I/O | 4 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 VGA |
| Rear I/O | 1 x DisplayPort(<i>optional</i>), 1 x DVI, 1 x HDMI, 4 x USB3.0, 2 x LAN, 1 x RS232/422/485, 1 x RS232, 1 x Audio. |

Mechanical & Environmental

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|--------------------------|--|
| Power Requirement | Standard 24-pin ATX power supply and 4-pin 12V |
| 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 |

Ordering Code

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| LV-67S: | Skylake & Kaby Lake i7, i5, i3 S-series and Xeon® E3 v5 v6 Processor , support HDMI, LVDS, VGA, DVI, DP |
| LV-67ST: | Skylake & Kaby Lake i7, i5, i3 S-series and Xeon® E3 v5 v6 Processor , support HDMI, LVDS, VGA, DVI, Header for 2 nd VGA or 2 nd LVDS (<i>Note2</i>) |
| ADP-3355: | DisplayPort to VGA module |
| ADP-3355NB: | DisplayPort to VGA module, without bracket |
| ADP-3460: | DisplayPort to LVDS module |

Note1: Onboard 18/24-bit single/dual channel +3.3V/ +5V/ +12V LVDS

Note2: There are two modules ADP-3355,ADP-3460; you can choose the one to support 2nd VGA or 2nd LVDS