



## Features

- Intel® 6th & 7th Gen Core™ and Xeon® Processor
- 1 x DDR4 ÜÜDIMM 1866/2133 MHz up to 16GB
- Integrated VGA, DVI, DisplayPort, HDMI, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe (support mSATA)
- 2 x SATA3, 4 x USB2.0, 4 x USB3.0, 6 x COM, 1 x LPC, 1 x GPIO, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- DC input 9~35V

## System

<b>Processor</b>	Intel® 6th & 7th Core™ i7/ i5/ i3 and Xeon® E3-1200 v5 Processor, FCLGA1151 package (TDP up to 45W) (Note3)
<b>Chipset</b>	Intel® C236
<b>Memory</b>	1 x DDR4 SO-DIMM 1866/2133 MHz up to 16GB, Support Non-ECC, unbuffered memory (Xeon® E3-1200 v5 Product support ECC memory)
<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 lithium battery
<b>Expansion</b>	1 x MiniPCIe (support mSATA)

## Graphics

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

## LAN

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

## I/O

<b>Serial ATA</b>	2 x SATA3 interface with 600MB/s transfer rate
<b>Audio</b>	Realtek ALC262 HD Audio
<b>Internal I/O</b>	2 x SATA3, 4 x USB2.0 4 x RS232, 1 x RS232/485/422 1 x DVI, 1 x VGA, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x GPIO, 1 x Audio, 1 x PS/2, 1 x SMBus
<b>Rear I/O</b>	1 x DisplayPort, 1 x HDMI 4 x USB3.0, 2 x LAN, 1 x RS232

## Mechanical & Environmental

<b>Power Requirement</b>	DC input 9~35V
<b>Size</b>	146mm x 101mm (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

## Ordering Code

<b>LS-37K:</b>	Skylake & Kaby Lake i7, i5, i3 S-series & Xeon® E3 v5 Processor, support HDMI, LVDS, VGA, DVI, DP Art. no. 153726
<b>LS-37KT:</b>	Skylake & Kaby Lake i7, i5, i3 S-series & Xeon® E3 v5 Processor, support HDMI, LVDS, VGA, DVI, Header for 2 <sup>nd</sup> VGA or LVDS (Note2) Art. no. 153727
<b>OEM Model:</b>	Support 2 <sup>nd</sup> VGA (W/ ADP-3355) or 2 <sup>nd</sup> LVDS (W/ ADP-3460E), but without DP (Note2)
<b>ADP-3355:</b>	DisplayPort to VGA module
<b>ADP-3460:</b>	DisplayPort to LVDS module

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

**Note2:** There are two modules ADP-3355 and ADP-3460; you can choose the one to support 2<sup>nd</sup> VGA or 2<sup>nd</sup> LVDS.

**Note3:** Support TDP up to 65W for OEM model, power requirement DC 12V input.