

### LE-37G



## Features

- Onboard Intel® 6th /7th Gen Core™ U-series Processor
- 1 x DDR4 SO-DIMM 1866/2133 MHz up to 16GB
- Integrated HDMI, DisplayPort, LVDS for Triple display supports
- 2 x Intel® Gigabit LAN
- 2 x MiniPCIe and 1 x SIM slot
- 2 x SATA3, 4 x USB2.0, 4 x USB3.0, 6 x COM, 1 x DIO, 1 x SMBus, 1 x LPC
- Support Watchdog Timer
- DC input 9~30V

## System

<b>Processor</b>	Intel® 6 <sup>th</sup> / 7 <sup>th</sup> Gen Core™ U-series Processor, FCBGA1356 package
<b>Chipset</b>	Sunrise Point-LP
<b>Memory</b>	1 x DDR4 SO-DIMM 1866/2133 MHz up to 16GB, Support Non-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 onboard lithium battery
<b>Expansion</b>	2 x MiniPCIe (Card2 support mSATA) and Card2 half-size choosable, 1 x SIM slot

## Graphics

<b>Chipset</b>	Intel® Gen 9 integrated HD Graphics
<b>Display Interface</b>	1 x HDMI, 1 x LVDS (Note1), 1 x DP/VGA/DVI-D (optional for one, Note2)

## LAN

<b>Chip</b>	1 x Intel® I210-AT Gigabit LAN 1 x Intel® I219-LM Gigabit LAN (Support iAMT11)
<b>Serial ATA</b>	2 x SATA3 support RAID 0, 1
<b>Audio</b>	Realtek ALC262 HD Audio
<b>Internal I/O</b>	2 x SATA3, 1 x RS232/422/485, 4 x RS232, 1 x PS/2 4 x USB2.0, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x SMBus, 1 x DIO, 1 x Audio, 1 x DC Out 1 x VGA (optional), 1 x DVI-D (optional)
<b>Rear I/O</b>	1 x RS232, 1 x DisplayPort (optional), 1 x HDMI, 4 x USB3.0, 2 x LAN

## Mechanical & Environmental

<b>Power Requirement</b>	DC in 9~30V
<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 Information

<b>LE-37GXIPK3F:</b>	with i3-7100U + Cooler Fan, support HDMI, LVDS, DP
<b>LE-37GXIPK5F:</b>	with i5-7300U + Cooler Fan, support HDMI, LVDS, DP
<b>LE-37GXIPK7F:</b>	with i7-7600U + Cooler Fan, support HDMI, LVDS, DP
<b>LE-37GXITK3F:</b>	with i3-7100U + Cooler Fan, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>LE-37GXITK5F:</b>	with i5-7300U + Cooler Fan, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>LE-37GXITK7F:</b>	with i7-7600U + Cooler Fan, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>LE-37GXIP3:</b>	with i3-6100U + Heat Spreader, support HDMI, LVDS, DP
<b>LE-37GXIP5:</b>	with i5-6300U + Heat Spreader, support HDMI, LVDS, DP
<b>LE-37GXIP7:</b>	with i7-6600U + Heat Spreader, support HDMI, LVDS, DP
<b>LE-37GXIT3:</b>	with i3-6100U + Heat Spreader, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>LE-37GXIT5:</b>	with i5-6300U + Heat Spreader, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>LE-37GXIT7:</b>	with i7-6600U + Heat Spreader, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS (Note3)
<b>ADP-3355NB</b>	DisplayPort to VGA module, without bracket
<b>ADP-3460</b>	DisplayPort to LVDS module

**Note 1:** Onboard 18/24-bit single/dual channel +3.3V/+5V/+12V LVDS

**Note 2:** DVI function – Remove DP, add DVI-D cable & module (BADPDVI\_A & OALDVI-DF13)

**Note 3:** Add ADP-3355NB supports VGA or Add ADP-3460 supports 2nd LVDS.