

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

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

Graphics

Chipset	Intel® Gen 9 integrated HD Graphics
Display Interface	1 x HDMI, 1 x LVDS(Notes 1), 1 x DP/VGA/DVI-D(Notes 1, 2)

LAN

Chip	1 x Intel® I210-AT Gigabit LAN 1 x Intel® I219-LM Gigabit LAN (Support iAMT11)
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Serial ATA	2 x SATA3 support RAID 0, 1
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Audio	Realtek ALC262 HD Audio
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Internal I/O	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)
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Rear I/O	1 x RS232, 1 x DisplayPort (optional), 1 x HDMI, 4 x USB3.0, 2 x LAN
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Mechanical & Environmental

Power Requirement	DC in 9~30V
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Size	146mm x 101mm (L x W)
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Temperature	Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~80°C (-4°F~176°F)
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Relative Humidity	10%~90%, non-condensing
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Ordering Information

LE-37GXIPK3F:	with i3-7100U + Cooler Fan, support HDMI, LVDS/ DP
LE-37GXIPK5F:	with i5-7300U + Cooler Fan, support HDMI, LVDS/ DP
LE-37GXIPK7F:	with i7-7600U + Cooler Fan, support HDMI, LVDS/ DP
LE-37GXITK3F:	with i3-7100U + Cooler Fan, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
LE-37GXITK5F:	with i5-7300U + Cooler Fan, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
LE-37GXITK7F:	with i7-7600U + Cooler Fan, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
LE-37GXIP3:	with i3-6100U + Heat Spreader, support HDMI, LVDS/DP
LE-37GXIP5:	with i5-6300U + Heat Spreader, support HDMI, LVDS/DP
LE-37GXIP7:	with i7-6600U + Heat Spreader, support HDMI, LVDS/DP
LE-37GXIT3:	with i3-6100U + Heat Spreader, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
LE-37GXIT5:	with i5-6300U + Heat Spreader, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
LE-37GXIT7:	with i7-6600U + Heat Spreader, support HDMI, LVDS/ Header for VGA or 2 nd LVDS (Notes 3)
ADP-3355NB	DisplayPort to VGA module, without bracket
ADP-3460E	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: There are two modules ADP-3355 and ADP-3460; you can choose the one to support VGA or 2nd LVDS.