

LE-37I



Features

- Onboard Intel® 6th Gen Core™ H-series Processor
- 1 x DDR4 SO-DIMM 2133 MHz up to 16GB
- Integrated DVI, HDMI, DisplayPort, CRT, LVDS for Triple display supports
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN
- 2 x MiniPCIe
- 2 x SATA3, 4 x USB2.0, 4 x USB3.0, 6 x COM, 1 x LPC, 1 x GPIO, 1 x SIM Slot, 1 x PS/2
- Support 4K resolution, Watchdog Timer
- DC input 9~24V

System

Processor	Intel® Skylake Core™ i7, i5, i3 H-series Processor, FCBGA1440 package
Chipset	Intel® QM170
Memory	1 x DDR4 SO-DIMM 2133 MHz up to 16GB, Support Non-ECC, unbuffered memory only
Watchdog Timer	Generates a system reset with internal timer for 1 min/s ~ 255 min/s
Real Time Clock	Chipset integrated RTC with lithium battery
Expansion	2 x MiniPCIe (support mSATA), 1 x Sim slot
Graphics	
Chipset	Intel® 9th Gen integrated HD Graphics
Display Interface	1 x DVI-D, 1 x HDMI, 1 x DisplayPort, 1 x LVDS (Note1), 1 x VGA
LAN	
Chip	1 x Intel® I219-LM Gigabit PHY LAN (Support iAMT11.0) 1 x Intel® I210-AT Gigabit LAN

I/O

Serial ATA	2 x SATA3
Audio	Realtek ALC262 HD Audio
Internal I/O	1 x DVI-D, 1 x VGA, 2 x SATA3, 4 x USB2.0, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x GPIO, 1 x Audio, 1 x SMBUS, 1 x PS/2, 4 x RS232, 1 x RS232/422/485
Rear I/O	1 x HDMI, 1 x DisplayPort, 2 x LAN, 4 x USB3.0, 1 x RS232

Mechanical & Environmental

Power Requirement	DC input 9~24V
Size	146mm x 101mm (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

LE-37I3S	With i3-6100E (TDP 35W) + Heat spreader, support HDMI, LVDS, VGA, DVI-D, DP
LE-37I5S	With i5-6440EQ (TDP 45W) + Heat spreader, support HDMI, LVDS, VGA, DVI-D, DP
LE-37I7S	With i7-6822EQ (TDP 25W) + Heat spreader, support HDMI, LVDS, VGA, DVI-D, DP
LE-37I3F	With i3-6100E (TDP 35W) + Cooler fan, support HDMI, LVDS, VGA, DVI-D, DP
LE-37I5F	With i5-6440EQ (TDP 45W) + Cooler fan, support HDMI, LVDS, VGA, DVI-D, DP
LE-37I7F	With i7-6822EQ (TDP 25W) + Cooler fan, support HDMI, LVDS, VGA, DVI-D, DP

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