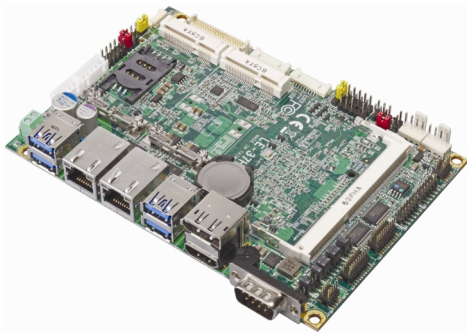


### LE-37H



### Features

- Intel® Apollo Lake Series Processor N3350/N4200
- 1 x DDR3L SO-DIMM 1866 MHz up to 8GB
- Integrated HDMI, DisplayPort, LVDS for Triple display supports
- 2 x Intel® Gigabit LAN,
- 2 x MiniPCIe
- 2 x SATA3, 2 x USB2.0, 4 x USB3.0, 6 x COM, 1 x LPC
- 1 x GPIO, 1 x PS/2, 1 x SIM Slot, 1 x SD Card Slot
- Support Watchdog Timer
- Support 4K resolution
- DC input 9~24V

### System

<b>Processor</b>	Intel® Apollo Lake Series Processor N3350/N4200, FCBGA1296 package
<b>Chipset</b>	Apollo Lake SoC
<b>Memory</b>	1 x DDR3L DIMM 1866 MHz up to 8GB, Support Non-ECC, unbuffered memory only
<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 (Minicard1 support mSATA) 1 x Sim slot, 1 x SD Card slot

### Graphics

<b>Chipset</b>	Intel® HD Graphics
<b>Display Interface</b>	1 x LVDS (Note1) , 1 x HDMI, 1 x DisplayPort (optional)

### LAN

<b>Chip</b>	2 x Intel® I210-AT Gigabit LAN
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### I/O

<b>Serial ATA</b>	2 x SATA3
<b>Audio</b>	Realtek ALC262 HD Audio
<b>Internal I/O</b>	2 x SATA3, 4 x RS232, 2 x USB2.0, 1 x LPC 1 x GPIO ,1 x PS/2, 1 x SMBUS, 1 x LVDS, 1 x LCD inverter, 1 x RS232/422/485, 1 x Audio,
<b>Rear I/O</b>	4 x USB3.0, 2 x LAN, 1 x HDMI, 1 x RS232, 1 x DisplayPort(optional)

### Mechanical & Environmental

<b>Power Requirement</b>	DC 9~24V
<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

LE-37HPN4S	With N4200 + Heat spreader, support HDMI, LVDS, DP
LE-37HTN4S	With N4200 + Heat spreader, support HDMI, LVDS, Header for VGA or 2nd LVDS (Note2)
LE-37HPN3S	With N3350 + Heat spreader, support HDMI, LVDS, DP
LE-37HTN3S	With N3350 + Heat spreader, support HDMI, LVDS, Header for VGA or 2nd LVDS (Note2)
LE-37HPN4F	With N4200 + Cooler Fan, support HDMI, LVDS, DP
LE-37HTN4F	With N4200 + Cooler Fan, support HDMI, LVDS, Header for VGA or 2nd LVDS (Note2)
LE-37HPN3F	With N3350 + Cooler Fan, support HDMI, LVDS, DP
LE-37HTN3F	With N3350 + Cooler Fan, support HDMI, LVDS, Header for VGA or 2nd LVDS (Note2)
ADP-3355NB	DP to VGA, without bracket
ADP-3460E	DP to LVDS (For 2nd LVDS)
DSDM8GB-DDR3L-1600-SO-1.35V	DDR3L SO-DIMM 8GB 1600MHz 204PIN 1.35V

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

**Note2:** There are two modules (ADP3355,ADP3460), and you can choose one to support VGA or 2nd LVDS