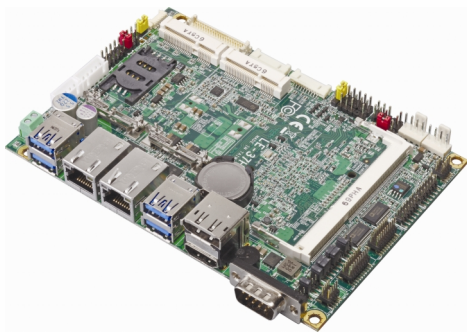


LE-37H



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

Processor	Intel® Apollo Lake Series Processor N3350/N4200, FCBGA1296 package
Chipset	Apollo Lake SoC
Memory	1 x DDR3L DIMM 1866 MHz up to 8GB, 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 onboard lithium battery
Expansion	2 x MiniPCIe (Minicard1 support mSATA) 1 x Sim slot, 1 x SD Card slot

Graphics

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

LAN

Chip	2 x Intel® I210-AT Gigabit LAN
-------------	--------------------------------

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

I/O

Serial ATA	2 x SATA3
Audio	Realtek ALC262 HD Audio
Internal I/O	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,
Rear I/O	4 x USB3.0, 2 x LAN, 1 x HDMI, 1 x RS232, 1 x DisplayPort(optional)

Mechanical & Environmental

Power Requirement	DC 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