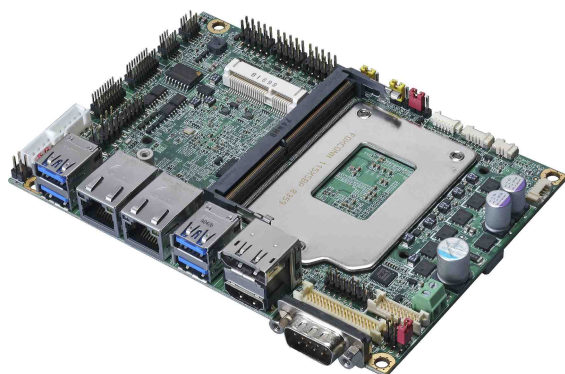


LS-37L



Features

- Support 8th & 9th Gen Intel® Core™ Desktop Processors
- 1 x DDR4 SO-DIMM 2666 MHz up to 32GB
- Integrated VGA, DVI, DisplayPort, HDMI, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe (support mSATA)
- 2 x SATA3, 4 x USB2.0, 4 x USB3.1 Gen2, 6 x COM,
- 1 x GPIO, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- DC input 9~25V

System

| | |
|-----------------|--|
| Processor | Support 8 th & 9 th Gen Intel® Core™ Desktop Processors, FCLGA1151 package (Support up to 65W TDP) (Note1) |
| Chipset | Intel® Q370 |
| Memory | 1 x DDR4 SO-DIMM 2666 MHz up to 32GB, Support Non-ECC, unbuffered memory (i3, Pentium, Celeron CPU support 2400 MHz 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 | 1 x MiniPCIe (support mSATA) |

Graphics

| | |
|-------------------|---|
| Processor | Intel® UHD Graphics |
| Display Interface | 1 x DisplayPort (Optional) , 1 x HDMI, 1 x DVI 1 x VGA, 1 x LVDS (Note2) |

LAN

| | |
|------|---|
| Chip | 1 x Intel® I219-LM Gigabit PHY LAN (Support iAMT12.0) 1 x Intel® I210-AT Gigabit LAN |
|------|---|

I/O

| | |
|--------------|---|
| Serial ATA | 2 x SATA3 |
| Audio | Realtek ALC262 HD Audio |
| Internal I/O | 2 x SATA3, 4 x USB2.0 3 x RS232, 2x RS232/485/422 1 x DVI, 1 x VGA, 1 x LVDS, 1 x LCD inverter, 1 x GPIO, 1 x Audio, 1 x PS/2, 1 x SMBus |
| Rear I/O | 1 x DisplayPort, 1 x HDMI 4 x USB3.1 Gen2, 2 x LAN, 1 x RS232 |

Mechanical & Environmental

| | |
|-------------------|--|
| Power Requirement | DC input 9~25V |
| 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

| | |
|-----------|--|
| LS-37L: | 8 th & 9 th Gen Intel® Core™ Desktop Processors, support HDMI, LVDS, VGA, DVI, DP |
| LS-37LT: | 8 th & 9 th Gen Intel® Core™ Desktop Processors, support HDMI, LVDS, VGA, DVI, Header for 2nd VGA or 2nd LVDS (Note2) |
| ADP-3355: | DisplayPort to VGA module |
| ADP-3460: | DisplayPort to LVDS module |

Note1: 8 cores TDP 65W CPU is not supported.(E.g. i7-9700E)

Note2: Onboard 18/24-bit single/dual channel +3.3V/ +5V/ +12V LVDS

Note3: There are two modules ADP-3355,ADP-3460; you can choose the one to support 2nd VGA or 2nd LVDS