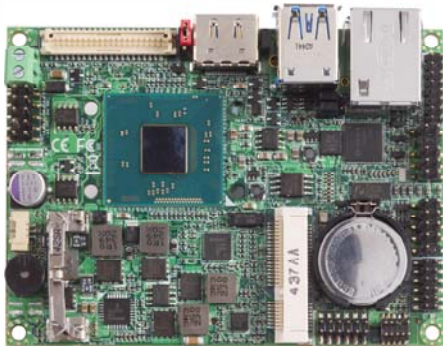


LP-173



Features

- Onboard Intel® Bay trail series Processor
- 1 x DDR3L SO-DIMM 1066/1333 MHz up to 8GB
- Integrated VGA, HDMI, LVDS for dual display supports
- 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe
- 1 x SATA2, 3 x USB2.0, 1 x USB3.0, 2 x COM, 1 x LPC, 1 x GPIO, 1 x PS/2
- Support Watchdog Timer
- DC input 6~30V

System

| | |
|-----------------|---|
| Processor | Intel® Bay Trail series Processor J1900/N2930/E3845 package type FCBGA1170 |
| Chipset | Bay trail SoC |
| Memory | 1 x DDR3L SODIMM 1600 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 lithium battery |
| Expansion | 1 x MiniPCIe (Minicard support mSATA) |

Graphics

| | |
|-------------------|-------------------------------------|
| Chipset | Intel® HD Graphics |
| Display Interface | 1 x LVDS (Note1), 1 x HDMI, 1 x VGA |

LAN

| | |
|------|--------------------------------|
| Chip | 1 x Intel® I210-AT Gigabit LAN |
|------|--------------------------------|

I/O

| | |
|--------------|--|
| Serial ATA | 1 x SATA2 |
| Audio | Realtek ALC262 HD Audio |
| Internal I/O | 2 x RS232, 1 x GPIO, 1 x Audio, 1 x VGA, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 2 x USB 2.0, 1 x SATA2, 1 x PS/2 |
| Rear I/O | 1 x HDMI, 1 x LAN, 1 x USB 3.0, 1 x USB 2.0 |

Mechanical & Environmental

| | |
|-------------------|--|
| Power Requirement | 6~30V DC Input |
| Size | 100 mm x 72mm (L x W) |
| Temperature | Operating within 0~60 centigrade (for LP-173J and LP-173N serial) Storage within -20~85 centigrade. (for LP-173J and LP-173N serial) Operating within -40~85 centigrade (for LP-173E serial) Storage within -40~85 centigrade. (for LP-173E serial) |
| Relative Humidity | 10%~90%, non-condensing |

Ordering Code

| | |
|----------|---|
| LP-173J: | With CPU J1900, support HDMI, LVDS, VGA |
| LP-173N: | With CPU N2930, support HDMI, LVDS, VGA |
| LP-173E: | With CPU E3845, support HDMI, LVDS, VGA |

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