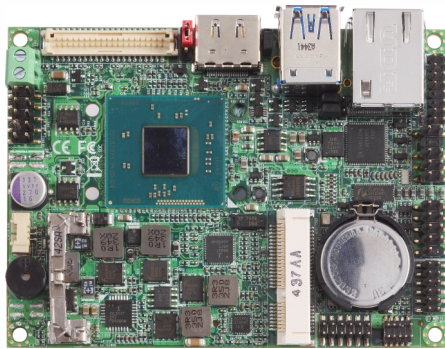


LP-173



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	LP-173J and LP-173N series: Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~85°C (-4°F~176°F)

	LP-173E series: Operating within -40°C~85°C (-40°F~185°F) Storage within -40°C~85°C (-40°F~185°F)
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.