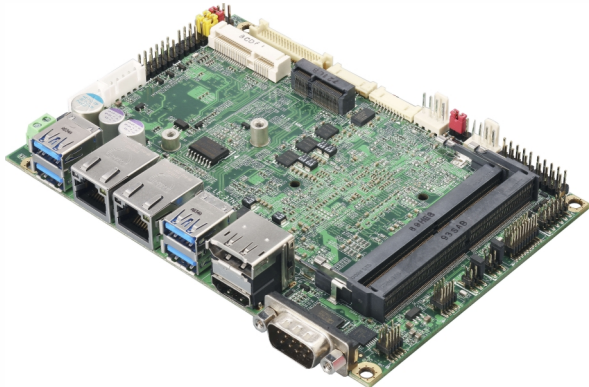


### LE-37N



### Features

- Onboard Intel® Whiskey Lake U Processor
- 2 x DDR4 SO-DIMM 2400 MHz up to 32GB
- Integrated DisplayPort, HDMI, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe (support mSATA), 1 x M.2 (Key E)
- 2 x SATA3, 4 x USB2.0, 4 x USB3.1 Gen2, 4 x COM,
- 1 x GPIO, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- DC input 9~35V

### System

<b>Processor</b>	Intel® Whiskey Lake U Processor FCBGA1528 package
<b>Memory</b>	2 x DDR4 SO-DIMM 2400 MHz up to 32GB, Support Non-ECC, unbuffered memory
<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 lithium battery
<b>Expansion</b>	1 x MiniPCIe (support mSATA) 1 x M.2 (Key E) for Wi-Fi and Bluetooth 2230mm

### Graphics

<b>Processor</b>	Intel® Gen 9.5 integrated HD Graphics
<b>Display Interface</b>	1 x DisplayPort( <b>optional</b> ), 1 x HDMI, 1 x LVDS ( <b>Note1</b> )

### LAN

<b>Chip</b>	1 x Intel® I219-LM Gigabit PHY LAN (Support iAMT12.0) 1 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 USB2.0 1 x RS232, 2x RS232/485/422 1 x LVDS, 1 x LCD inverter, 1 x GPIO, 1 x Audio, 1 x PS/2, 1 x SMBus
<b>Rear I/O</b>	1 x DisplayPort( <b>optional</b> ), 1 x HDMI, 1 x RS232 4 x USB3.1 Gen2, 2 x LAN

### Mechanical & Environmental

<b>Power Requirement</b>	DC input 9~35V
<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

<b>LE-37N7:</b>	With i7-8665UE + Cooler fan, support HDMI, LVDS, DP
<b>LE-37NT7</b>	With i7-8665UE + Cooler fan, support HDMI, LVDS, Header for VGA or 2 <sup>nd</sup> LVDS ( <b>Note2</b> )
<b>ADP-3355:</b>	DisplayPort to VGA module
<b>ADP-3460:</b>	DisplayPort to LVDS module

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

**Note2:** Add ADP-3355 supports 2nd VGA or Add ADP-3460 supports 2nd LVDS.

**Note3:** If you want to use other WHL U CPU(i5-8365UE,i3-8145UE,Celeron 4305UE), please contact with our sales.