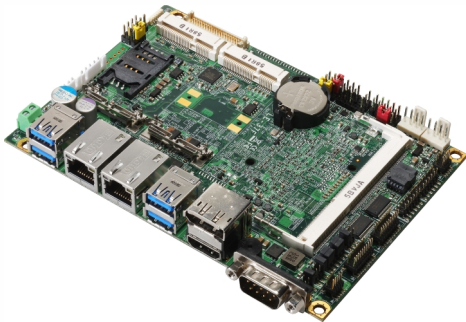


### LE-37F



### Features

- Intel® Braswell Series Processor N3710/X5-E8000
- 1 x DDR3L SO-DIMM 1600 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 SIM SLOT, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- DC input 6~30V

### System

<b>Processor</b>	Intel® Braswell Series Processor N3710/X5-E8000, FCBGA1170 package
<b>Chipset</b>	Braswell SoC
<b>Memory</b>	1 x DDR3L DIMM 1600 MHz up to 8GB, Support Non-ECC, unbuffered memory only
<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 onboard lithium battery
<b>Expansion</b>	2 x MiniPCIe (Minicard1 support mSATA) 1 x SIM slot

### Graphics

<b>Chipset</b>	Intel® HD Graphics
<b>Display Interface</b>	1 x LVDS (Note1) , 1 x HDMI, 1 x DisplayPort/VGA

### LAN

<b>Chip</b>	2 x Intel® I210-AT Gigabit LAN
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### Ordering Code

<b>LE-37FNXIP:</b>	With N3710 + Heat Spreader, support HDMI, LVDS, DP
<b>LE-37FEXIP:</b>	With X5-E8000 + Heat Spreader, support HDMI, LVDS, DP
<b>LE-37FNXIT:</b>	With N3710 + Heat Spreader, support HDMI, LVDS/ Header for VGA or 2 <sup>nd</sup> LVDS (Note2)
<b>LE-37FEXIT:</b>	With X5-E8000 + Heat Spreader, support HDMI, LVDS/ Header for VGA or 2 <sup>nd</sup> LVDS (Note2)
<b>ADP-3355NB:</b>	DisplayPort to VGA module, without bracket
<b>ADP-3460:</b>	DisplayPort to LVDS module
<b>LE-37FNXIP(T)-4G:</b>	Same as LE-37FNXIP(T), with DDR3L/4G
<b>LE-37FEXIP(T)-4G:</b>	Same as LE-37FEXIP(T), with DDR3L/4G
<b>LE-37FNXIP(T)-8G:</b>	Same as LE-37FNXIP(T), with DDR3L/8G
<b>LE-37FEXIP(T)-8G:</b>	Same as LE-37FEXIP(T), with DDR3L/8G

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

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

### 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 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, 1 x VGA(optional)
<b>Rear I/O</b>	4 x USB3.0, 2 x LAN, 1 x HDMI, 1 x RS232, 1 x DisplayPort(optional)

### Mechanical & Environmental

<b>Power Requirement</b>	DC 6~30V
<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