

LV-67P



Features

- Intel® Braswell Series Processor N3710/X5-E8000
- 2 x DDR3L SO-DIMM 1600 MHz up to 8GB
- Integrated DVI, HDMI, DisplayPort/LVDS/CRT for Triple display supports
- 2 x Intel® Gigabit LAN,
- 1 x MiniPCle, 1 x mSATA
- 2 x SATA3, 4 x USB2.0, 4 x USB3.0, 6 x COM, 1 x LPC, 1 x PS/2
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply or 4-pin 6~30V

System

Processor	Intel® Braswell Series Processor N3710/X5-E8000, FCBGA1170 package
Chipset	Braswell SoC
Memory	2 x DDR3L DIMM 1600 MHz up to 8GB, Support Non-ECC, unbuffered memory only. (if you use two DDR3L SO-DIMM, need same memory)
Watchdog Timer	Generates a system reset with internal timer for 1 min/s ~ 255 min/s
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Expansion	1 x MiniPCle, 1 x Sim slot, 1 x PCIE X16 slot 1 x mSATA (same signal with SATA3-2)
Graphics	
Chipset	Intel® HD Graphics
Display Interface	1 x LVDS/DisplayPort/CRT(optional), 1 x HDMI, 1 x DVI
LAN	
Chip	2 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 RS232, 4 x USB2.0, 1 x LPC 1 x GPIO, 1 x PS/2, 1 x SMBUS, 1 x Audio, 1 x CRT(optional), 1 x LVDS(optional), 1 x LCD inverter(optional).
Rear I/O	4 x USB3.0, 2 x LAN, 1 x Audio, 1 x RS232 1 x RS232/422/485, 1 x HDMI, 1 x DVI 1 x DisplayPort(optional).

Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply or 4-pin 6~30V
Size	170mm x 170mm (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 Information

Ordering code	LV-67PNX: Intel® Pentium® Core™ Processor N3710, LVDS, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.
	LV-67PNP: Intel® Pentium® Core™ Processor N3710, DisplayPort, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.
	LV-67PNT: Intel® Pentium® Core™ Processor N3710, CRT, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.
	LV-67PEX: Intel® Atom® Core™ Processor X5-E8000, LVDS, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.
	LV-67PEP: Intel® Atom® Core™ Processor X5-E8000, DisplayPort, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.
	LV-67PET: Intel® Atom® Core™ Processor X5-E8000, CRT, HDMI, DVI, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LPC, PS/2, SMBUS, Standard 24-pin ATX power supply or 4-pin 6~30V.