



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
- 1 x Intel® Gigabit LAN, 1 x MiniPCie
- 1 x SATA3, 2 x USB2.0, 2 x USB3.0, 2 x COM, 1 x LPC, 1 x PS/2
- Support Watchdog Timer, 4K resolution
- DC input 5V±5%

System

Processor	Intel® Braswell Series Processor N3710/X5-E8000, FCBGA1170 package
Chipset	Braswell 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 onboard lithium battery
Expansion	1 x MiniPCle (Minicard support mSATA)

Graphics

Chipset	Intel® HD Graphics
Display Interface	1 x LVDS, 1 x HDMI, 1 x DisplayPort(Optional)

LAN

Chip	1 x Intel® I210-AT Gigabit LAN
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I/O

Serial ATA	1 x SATA3
Audio	Realtek ALC262 HD Audio
Internal I/O	1 x SATA3, 2 x RS232, 2 x USB2.0, 1 x LPC, 1 x PS/2, 1 x SMBUS, 1 x LVDS, 1 x LCD inverter 1 x Audio.
Rear I/O	2 x USB3.0, 1 x LAN, 1 x HDMI, 1 x DisplayPort(Optional) .

Mechanical & Environmental

Power Requirement	DC input 5V±5%
Size	100 mm x 72mm (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 Code

LP-176NXIP:
Art. No. 148560
LP-176EXIP:
Art. No. 148561
LP-176NXIT:
Art. No. 148562
LP-176EXIT:
Art. No. 148563

Intel® Pentium® Core™ Processor N3710, DisplayPort, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, DC in 5V±5%.
Intel® Atom® Core™ Processor X5-E8000, DisplayPort, HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, DC in 5V±5%.
Intel® Pentium® Core™ Processor N3710, 11pin socket (connect to ADP3355 for CRT), HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, DC in 5V±5%.
Intel® Atom® Core™ Processor X5-E8000, 11pin socket (connect to ADP3355 for CRT), HDMI, LVDS, USB2.0, USB3.0, MiniPCle, mSATA, LAN, Audio, SATA3, COM, LCD inverter, LPC, PS/2, SMBUS, DC in 5V±5%.

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LP-176NXIP-4G: Same as LP-176NXIP, but with **DDR3L-1600-4G-SODIMM Module**
LP-176EXIP-4G: Same as LP-176EXIP, but with **DDR3L-1600-4G-SODIMM Module**
LP-176NXIT-4G: Same as LP-176NXIT, but with **DDR3L-1600-4G-SODIMM Module**
LP-176EXIT-4G: Same as LP-176EXIT, but with **DDR3L-1600-4G-SODIMM Module**
LP-176NXIP-8G: Same as LP-176NXIP, but with **DDR3L-1600-8G-SODIMM Module**
LP-176EXIP-8G: Same as LP-176EXIP, but with **DDR3L-1600-8G-SODIMM Module**
LP-176NXIT-8G: Same as LP-176NXIT, but with **DDR3L-1600-8G-SODIMM Module**
LP-176EXIT-8G: Same as LP-176EXIT, but with **DDR3L-1600-8G-SODIMM Module**

ADP-3355 series: With LP-176NXIT series and LP-176EXIT series for CRT
DC-DC3-5V series: Power Converter Module convert DC 6~30V to DC 5V 30W