



## Features

- Intel® LGA1155 Socket Supports 2<sup>nd</sup>/3<sup>rd</sup> Generation Core™ i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
- Intel® B75 Express Chipset
- Two 240-Pin DIMM Sockets Up to 16GB Dual Channel DDR3 1333/1600MHz SDRAM
- VGA, DVI-D, HDMI
- Realtek ALC662/ 661 5.1-CH HD Audio Codec
- Realtek RTL8111E PCI-Express Gigabit Ethernet
- 1 x PCI-e x 16, 1 x PCI-e x 1, 1 x PCI
- 3 x SATA II, 1 x SATA III
- 4 x USB 2.0, 4 x USB 3.0
- 1 x RS-232, 1 x PS2 Keyboard, 1 x PS2 Mouse
- ATX Power



## Specifications

### System

<b>Processor</b>	Intel® LGA1155 Socket Supports 2 <sup>nd</sup> /3 <sup>rd</sup> Generation Core™ i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
<b>BIOS</b>	AMI uEFI BIOS, 32Mbit SPI Flash ROM
<b>System Chipset</b>	Intel® B75 Express Chipset
<b>I/O Chip</b>	Nuvoton NCT5532D
<b>System Memory</b>	2 x 240-Pin DDR3 1066MHz DIMM up to 16 GB or 240-Pin DDR3 1333MHz DIMM or 240-Pin DDR3 1600MHz DIMM
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control

### Expansion & Storage

<b>Expansion</b>	1 x PCI-e x16, 1 x PCI-e x1, 1 x PCI
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### I/O

<b>Other</b>	1 x PS2 Keyboard, 1 x PS2 Mouse
<b>SATA</b>	3 x SATA II, 1 x SATA III
<b>COM Port</b>	1 x RS-232
<b>USB</b>	4 x USB 2.0, 4 x USB 3.0

### Display

<b>Chipset</b>	Intel® 2 <sup>nd</sup> /3 <sup>rd</sup> Generation CPU integrated Supports triple display
<b>Resolution</b>	HDMI : 1920 x 1200 @ 60Hz DVI-D : 1920 x 1200 @ 60Hz VGA : 2560 x 1600 @ 60Hz VGA, DVI-D, HDMI

### Audio

<b>Audio Codec</b>	Realtek ALC661 supports 5.1-CH
<b>Audio Interface</b>	Mic-In, Line-In, Line-Out, S/PDIF

### Ethernet

<b>Chipset</b>	1 x Realtek 8111E
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	1 x RJ-45

### Mechanical & Environmental

<b>Power Requirement</b>	+12V/+5V/5VSB/+3.3V
<b>Power Type</b>	ATX
<b>Operating Temperature</b>	0 ~ 60°C (32 ~ 140°F)
<b>Storage Temperature</b>	-40 ~ 75°C (-40 ~ 167°F)
<b>Operating Humidity</b>	0 ~ 90% Relative Humidity, Non-condensing
<b>Size (L x W)</b>	9.26" x 7.67" (235.1mm x 194.9mm)
<b>Weight</b>	0.88lbs (0.4Kg)

## Ordering Information

### ERX-B75-AIR

Intel® 2<sup>nd</sup>/3<sup>rd</sup> Generation Core™ i7/ i5/ i3, Pentium® and Celeron® Processors Micro ATX Motherboard With Intel® B75 Express Chipset