



SEAX-H81

Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors ATX Motherboard With Intel® H81 Express Chipset

- > Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 84W)
- > Intel® H81 Express Chipset
- > 2 x 240-pin DIMM Sockets support up to 16GB Dual Channel, DDR3 1066/1333 MHz
- > VGA , HDMI
- > Realtek RTL8111E PCIe Gigabit Ethernet
- > Realtek ALC662 5.1-CH HD Audio Codec
- > 1 x PCIe x 16, 3 x PCIe x 1, 3 x PCI
- > 2 x SATA III, 2 x SATA II
- > 8 x USB 2.0, 2 x USB 3.0
- > 2 x RS-232 1 x S/PDIF 1 x I PT 1 x 8-bit GPIO

+ Spec

System	
Processor	Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 84W)
System Chipset	Intel® H81 Chipset
System Memory	2 x 204-pin DDR3 1066/1333 MHz DIMM supports up to 16 GB
I/O Chip	Nuvoton NCT6779
BIOS	AMI uEFI BIOS, 64Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./min. 1sec. or 1min. Step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
Expansion	
Expansion	3 x PCI 1 x PCIe x 16 3 x PCIe x 1
I/O	
USB	8 x USB 2.0 2 x USB 3.0
SATA	2 x SATA III 2 x SATA II
COM Port	2 x RS-232
DIO	1 x 8-bit GPIO
MIO	1 x PS/2 Keyboard 1 x PS/2 Mouse
Other	1 x S/PDIF 1 x LPT
Display	
Chipset	Intel® 4th Generation CPU integrated VGA + HDMI
Resolution	VGA: 1920 x 1200 @ 60Hz HDMI: 4096 x 2160 @ 24Hz
Audio	
Chipset	1 Realtek ALC662 supports 5.1-CH
Audio Interface	Mic-in, Line-in and Line-out
Ethernet	
Chipset	1 x Realtek 8111E
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ-45
Mechanical & Environmental	
Power Type	ATX
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	11.61" x 7.87" (295 mm x 200 mm)
Weight	1.1lbs (0.5 kg)
Power Requirement	
Power Requirement	+12V/+5V/5Vsb/+3.3V/-12V

+ Ordering

SEAX-H81-A1R
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