



EAX-H81P

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

- > Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
- > Intel® H81 Chipset
- > 2x 240-pin DDR3 1333/1600MHz DIMM socket, supports up to 16GB Max
- > VGA, HDMI, DP++
- > 2 x SATA III, 2 x SATA II
- > 1 x PCI-e x16
- > 1 x PCI-e x2 (Using PCI-e x4 slot broken hole type), 1 x PCI-e x1 (Using PCI-e x4 slot broken hole type)
- > 4 x PCI
- > 4 x USB 2.0 by pin header by HUB
- > 4 x USB 2.0 at I/O, 1 x USB 2.0 Type A connector.

+ Spec

System	
Processor	Intel® LGA1150 Socket Supports 4th Generation Core™ Refresh i7/ i5/ i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
System Chipset	Intel® H81 Chipset
System Memory	2x 240-pin DDR3 1333/1600MHz DIMM socket, supports up to 8GB Max
I/O Chip	Nuvoton® NCT6106D
BIOS	AMI uEFI BIOS, 64Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. – 65535sec./min.1sec. or 1min. step
H/W Status Monitor	CPU temperature monitoring, Voltages monitoring, CPU fan speed control
TPM	Optional Onboard Infineon SLB9635TT1.2 support TPM 1.2
Board	ATX Board
Expansion	
Expansion	4 x PCI 1 x PCI-e x16 1 x PCI-e x2 (Using PCI-e x4 slot broken hole type) 1 x PCI-e x1 (Using PCI-e x4 slot broken hole type)
Storage	
Storage	2 x SATA III 2 x SATA II
I/O	
USB	6 x USB 2.0 by pin header 4 x USB 2.0 at I/O, 1 x USB 2.0 Type A connector 2 x USB 3.0 at I/O
SATA	2 x SATA III 2 x SATA II
COM Port	10 x RS232 (2 x RS-422/485)
DIO	1 x 16-bit GPIO
MIO	1 x PS/2 Keyboard or PS/2 Mouse with Dual deck USB 2.0
Display	
Chipset	Intel® H81 Express chipset
Resolution	VGA: 2048 x 1536 @ 60 Hz HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 30 Hz (Note: This resolution is actual test result. Intel resolution: 4096x2304 @ 24 Hz, 2560x1600 @ 60 Hz) DP: 3840x2160@60Hz
Multiple Display	Dual Display
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-in, Mic-in, Line-out
Audio Amplifier	1 x 3W Amplifier
Ethernet	
Chipset	2 x Intel® I211AT PCI-e Gigabit Ethernet
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Requirement	+12V / +5V / 5VSB /+3.3V / -12V
ACPI	Single power ATX Support S0, S3, S4, S5
Power Type	AT/ATX
Operating Temperature	0~60°C (32~140°F)
Storage Temperature	-40 ~ 75°C
Operating Humidity	0%~90% relative humidity, non-condensing



Dimension (L x W)	12" x 9.6" (304.8mm x 243.84mm)
Weight	1.32lbs (0.6 kg)

 Ordering

EAX-H81P-A1R
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With Intel® H81 Chipset

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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