



## EAX-H110KP

Intel® 6/7th Generation Core™ Processor ATX Motherboard With Intel® H110 Chipset

- > Intel® 6/7th Generation Core™ Processor (Max. TDP at 95W)
- > Intel® H110 Chipset
- > 2 x 288-pin DDR4 2133MHz DIMM socket, supports up to 32GB
- > VGA, HDMI, DP++
- > 4 x SATA III
- > 1 x PCIe x 16, 2 x PCIe x 4 slot for 1 x PCIe x 4 or 2 x PCIe x 2, 4 x PCI
- > 4 x USB3.0, 6 x USB2.0, 10 x RS232 (2 x RS422/485)
- > Optional Infineon SLB9665 support TPM 2.0
- > ATX Power

### Spec

System	
<b>Processor</b>	Intel® LGA1151 Socket Supports 6/7th Generation Core™ i7/ i5/ i3 & Pentium®/Celeron® Processors (Max. TDP at 95W)
<b>System Chipset</b>	Intel® H110 Chipset
<b>System Memory</b>	2 x 288-pin DDR4 2133MHz DIMM supports up to 32GB
<b>I/O Chip</b>	Nuvoton® NCT6106D
<b>BIOS</b>	AMI uEFI BIOS, 128Mbit SPI Flash ROM
<b>Watchdog Timer</b>	5~255 seconds/5~255 minutes
<b>HW Status Monitor</b>	CPU temperature monitoring, Voltages monitoring, CPU fan speed control
<b>TPM</b>	Optional Infineon SLB9665 supports TPM 2.0
<b>Board</b>	ATX Board
Expansion	
<b>Expansion</b>	4 x PCI 1 x PCIe x 16 2 x PCIe x 4 slot for 1 x PCIe x 4 or 2 x PCIe x 2
I/O	
<b>USB</b>	4 x USB 3.0 6 x USB 2.0
<b>SATA</b>	4 x SATA III
<b>COM Port</b>	10 x RS232 (2 x RS-422/485)
<b>DIO</b>	1 x 16-bit GPIO
<b>MIO</b>	1 x PS/2 Keyboard or 1 x PS/2 Mouse
Display	
<b>Chipset</b>	Intel® 7th Generation CPU integrated
<b>Resolution</b>	VGA: 2048 x 1536 @ 50 Hz HDMI: 4096 x 2160 @ 24 Hz, 2560 x 1600 @ 60 Hz DP: 4096 x 2304 @ 60Hz
<b>Multiple Display</b>	Dual Display
Audio	
<b>Chipset</b>	Realtek ALC892
<b>Audio Interface</b>	Line-in, Mic-in, Line-out
<b>Audio Amplifier</b>	1 x 2W Amplifier
Ethernet	
<b>Chipset</b>	1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I211AT PCIe Gigabit Ethernet
<b>LAN Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Power Requirement</b>	+12V/+5V/5VSB/+3.3V/-12V
<b>ACPI</b>	Single power ATX Support S0, S3, S4, S5
<b>Power Type</b>	AT/ATX
<b>Operating Temperature</b>	0~60°C (32~140°F)
<b>Storage Temperature</b>	-40 ~ 75°C
<b>Operating Humidity</b>	0%~90% relative humidity, non-condensing
<b>Dimension (L x W)</b>	12" x 9.6" (304.8mm x 243.84mm)
<b>Weight</b>	1.32lbs (0.6 kg)

### Ordering

EAX-H110KP-A1R  
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## 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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