



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	
Processor	Intel® LGA1151 Socket Supports 6/7th Generation Core™ i7/ i5/ i3 & Pentium®/Celeron® Processors (Max. TDP at 95W)
System Chipset	Intel® H110 Chipset
System Memory	2 x 288-pin DDR4 2133MHz DIMM supports up to 32GB
I/O Chip	Nuvoton® NCT6106D
BIOS	AMI uEFI BIOS, 128Mbit SPI Flash ROM
Watchdog Timer	5~255 seconds/5~255 minutes
H/W Status Monitor	CPU temperature monitoring, Voltages monitoring, CPU fan speed control
TPM	Optional Infineon SLB9665 supports TPM 2.0
Board	ATX Board
Expansion	
Expansion	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	
USB	4 x USB 3.0 6 x USB 2.0
SATA	4 x SATA III
COM Port	10 x RS232 (2 x RS-422/485)
DIO	1 x 16-bit GPIO
MIO	1 x PS/2 Keyboard or 1 x PS/2 Mouse
Display	
Chipset	Intel® 7th Generation CPU integrated
Resolution	VGA: 2048 x 1536 @ 50 Hz HDMI: 4096 x 2160 @ 24 Hz, 2560 x 1600 @ 60 Hz DP: 4096 x 2304 @ 60Hz
Multiple Display	Dual Display
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-in, Mic-in, Line-out
Audio Amplifier	1 x 2W Amplifier
Ethernet	
Chipset	1 x Intel® I219LM Gigabit Ethernet PHY 1 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-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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