



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 |
| HW 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 PCIe 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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