



ERX-H110KP

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

- > Intel® 7th Generation Core™ Process (Max. TDP at 95W)
- > Intel® H110 Chipset
- > 2 x 288-pin DDR4 2133MHz DIMM supports up to 32GB
- > VGA, HDMI, DP
- > 1 x M.2 2230 KeyA Slot support WiFi module, 1 x SIM card slot
- > 1 x PCIe x 16, 3 x PCIe x 1
- > 2 x USB 2.0 by pin header, 2 x USB2.0, 4 x USB 3.0 at I/O
- > 1 x LPT, 5 x RS232, 1 x RS232/422/485
- > Onboard Infineon SLB9665 support TPM 2.0
- > AT/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	H/W Reset, 5~255 seconds/5~255 minutes
H/W Status Monitor	CPU temperature monitoring Voltages monitoring CPU fan speed control
TPM	Onboard Infineon SLB9665 support TPM 2.0
Board	Micro ATX Board
Expansion	
Expansion	1 x PCIe x 16 3 x PCIe x 1 1 x M.2 Slot supports WiFi module 1 x SIM card slot 1 x Full/Half Size Mini-PCIe supports mSATA
I/O	
USB	4 x USB 2.0 4 x USB 3.0
SATA	4 x SATA III, 1 x SATA III & 1 x mSATA III switch by BIOS selection
COM Port	1 x RS232 1 x RS232/422/485
DIO	1 x 8-bit GPIO
MIO	1 x PS/2 Keyboard or 1 x PS/2 Mouse
Other	1 x LPT
Display	
Chipset	Intel® 7th Generation CPU integrated HDMI + VGA, HDMI + DP, VGA + DP
Resolution	VGA: 2048 x 1536 @ 50Hz HDMI: 4096 x 2160 @ 24Hz DP: 4096 x 2304 @ 60Hz
Multiple Display	Dual Display
Audio	
Chipset	Realtek ALC892 HD Audio Decoding Controller
Audio Interface	Line-in, Mic-in, Line-out
Audio Amplifier	2 x 6W 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 Temp	0~60°C (32~140°F)
Storage Temp	-40 ~ 75°C
Operating Humidity	0%~90% relative humidity, non-condensing
Dimension (L x W)	9.6" x 9.6" (243.84mm x 243.84mm)



Weight	0.60 kg
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+ Ordering

ERX-H110KP-A1R
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