



EAX-C246P

Intel® 8th Generation Core™ Processor ATX Motherboard With Intel® C246 Chipset

- > Intel® 8th Generation Core™ Processor (Max. TDP at 95W)
- > Intel® C246 Chipset
- > 4 x 288-pin DDR4 2400/2666MHz DIMM socket, supports up to 64GB (ECC memory supported by CPU)
- > VGA, HDMI, DP++
- > 6 x SATA III
- > 1 x M.2 (2242/2260/2280) M-Key, support Intel RST, PCIe x4 mode SSD
- > 1 x M.2 (2230) A-Key, support WiFi module
- > 2 x PCIe x 16 slot for 1 x PCIe x 16 or 2 x PCIe x 8 (By BOM option), 1 x PCIe x 4, 3 x PCIe x 1, 1 x PCI
- > 7 x USB3.0, 4 x USB3.1 Gen2, 2 x USB2.0, 8 x RS232, 2 x RS232/422/485 (COM 2 & 3 by BIOS selection)
- > Support RAID 0, 1, 5, 10
- > Onboard Infineon SLB9665 support TPM 2.0

+ Spec

System	
Processor	Intel® LGA1151 Socket Supports 8th Generation Core™ i7/ i5/ i3 & / Intel® Xeon® Process(Workstation) / Pentium®/Celeron® Processors (Max. TDP at 95W)
System Chipset	Intel® C246 Chipset
System Memory	4 x 288-pin DDR4 2400/2666MHz DIMM supports up to 64GB (ECC memory supported by CPU)
I/O Chip	Nuvoton® NCT6106D
BIOS	AMI uEFI BIOS, 256Mbit 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 supports TPM 2.0
Board	ATX Board
Expansion	
Expansion	1 x PCI 2 x PCIe x 16 slot for 1 x PCIe x 16 or 2 x PCIe x 8 (By BOM option) 1 x PCIe x 4 3 x PCIe x 1 1 x M.2 (2242/2260/2280) M-Key, supports Intel RST, PCIe-x4 mode SSD 1 x M.2 (2230) A-Key, supports WiFi module
I/O	
USB	4 x USB 3.0 4 x USB 3.1 Gen2
SATA	6 x SATA III
COM Port	8 x RS232 2 x RS232/422/485 (COM2 & 3 by BIOS selection)
DIO	1 x 16-bit GPIO
MIO	1 x PS/2 Keyboard or 1 x PS/2 Mouse
Display	
Chipset	Intel® 8th Generation CPU integrated
Resolution	VGA: 2048 x 1536 @ 60 Hz HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 30 Hz DP: 4096 x 2304 @ 60Hz
Multiple Display	Triple Display
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-in, Mic-in, Line-out
Audio Amplifier	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)	12" x 9.6" (304.8mm x 243.84mm)
Weight	1.32lbs (0.6 kg)

+ Ordering

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