



EAX-C246P

Intel® 8/9th Gen. Core™
i7/i5/i3/Pentium®/Celeron®/Xeon® E-2200/2100
Processor ATX Motherboard With Intel® C246
Chipset

- > Intel® 8/9th Generation Core™ i7/i5/i3/Pentium®/Celeron®/Xeon® E-2200/2100 Processor
- > Intel® C246 Chipset
- > 4 x 288-pin DDR4 2400/2666MHz DIMM socket, supports up to 128GB (ECC memory supported by CPU)
- > VGA, HDMI, DP++
- > 6 x SATA III
- > 1 x M.2 (2242/2260/2280) M-Key, support Intel RST, PCI-e x4 mode SSD
- > 1 x M.2 (2230) A-Key, support WiFi module
- > 2 x PCI-e x16 slot for 1 x PCI-e x16 or 2 x PCI-e x8 (By BOM option), 1 x PCI-e x4, 3 x PCI-e x1, 1 x PCI

Spec

System	
Processor	Intel® LGA1151 Socket Supports 8th Generation Core™ i7/ i5/ i3 & / Intel® Xeon®Process(Workstation) / Pentium®/Celeron® Processors
System Chipset	Intel® C246 Chipset
System Memory	4 x 288-pin DDR4 2400/2666MHz DIMM supports up to 128GB (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 PCI-e x16 slot for 1 x PCI-e x16 or 2 x PCI-e x8(By BOM option) 1 x PCI-e x4 3 x PCI-e x1 1 x M.2 (2242/2260/2280) M-Key, supports Intel RST, PCI-e 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 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)
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+ Ordering

EAX-C246P-A11R
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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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