



## EAX-C246BP

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)
- > DVI-I, DP++, DP++, 4 x SATA III
- > 2 x PCI-e x16 slot for 1 x PCI-e x16 or 2 x PCI-e x8 (By Auto switch IC), 3 x PCI-e x4, 1 x PCI
- > 3 x USB 2.0 by pin header, 1 x USB 2.0 Vertical type A, 4 x USB 3.1 GEN 1 by pin headers (using PCI-e to USB 3.1 GEN 1 by BOM option)
- > PS/2 KB/MS + 2 x USB 3.1 Gen 2, 2 x RJ-45 with Dual deck for 4 x ISR 3.1 GEN 2 connector, 4 x ISR 3.1 GEN 1 connector at I/O

### + Spec

System	
Processor	Intel® LGA1151 Socket Supports 8/9th 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 Auto switch IC) 3 x PCI-e x4
I/O	
USB	PS/2 KB/MS + 2 x USB 3.1 GEN 2 2 x RJ-45 with Dual deck for 4 x USB 3.1 GEN 2 connector 4 x USB 3.1 GEN 1
SATA	4 x SATA III
COM Port	1 x COM
DIO	1 x 16-bit GPIO
MIO	1 x PS/2 Keyboard or 1 x PS/2 Mouse
RS232	8 x RS232 2 x RS232/422/485 (COM2 & 3 by BIOS selection)
Display	
Chipset	Intel® 8/9th Generation CPU integrated
Resolution	DVI-I: 1920 x 1080 @ 60Hz DP++: 4096 x 2304 @ 60Hz
Multiple Display	Triple Display
Audio	
Chipset	Realtek ALC892
Audio Interface	Mic-in, Line-out by pin-header
Audio Amplifier	6W Amplifier
Ethernet	
Chipset	1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I210AT 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	40°C @ 95% Relative Humidity, Non-condensing
Dimension (L x W)	12" x 9.6" (304.8mm x 243.84mm)

www.avalue.com.tw

Weight

1.32lbs (0.6 kg)

+ Ordering

EAX-C246BP-A1R

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e - l e c t r o n i c s

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