



## BMX-T540-C246

Mini ITX Barebone System with Intel® C246 Chipset

- > Intel® C246 Chipset
- > 2 x 260-pin DDR4 2666MHz SO-DIMM socket, supports up to 64GB
- > 2 x 2.5" SSD/HDD
- > 1 x VGA, 2 x HDMI, Triple Display
- > 1 x M.2 (2242/2260/2280) M-Key, support PCIe x4 SSD
- > 1 x M.2 (2230) E-Key, support WiFi Module
- > Front: 2 x USB 2.0; Rear: 8 x USB 3.1 (Gen1), 2 x USB 2.0
- > 6 x COM, 4 x LAN, 2 PCIe x 8
- > 1 x PS/2 Keyboard/Mouse Combo Jack
- > Support RAID 0,1,5,10
- > Onboard Infineon SLB9665 support TPM2.0
- > 400W 100-240Vac Power Supply (80 Plus Gold Certified)

[Spec](#)

-System Information-	
<b>Processor</b>	Intel® LGA1151 Socket Supports 8/9th Generation Core™ Pentium® / Celeron i7/i5/i3 Processors (Max. TDP at 95W) /Intel® Xeon® Processor E3-2000 Family (Workstation)
<b>Platform Controller Hub</b>	Intel® C246 Chipset
<b>System Memory</b>	2 x 260-pin DDR4 2666 MHz SO-DIMM up to 64GB
<b>Watchdog Timer</b>	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>TPM</b>	Onboard Infineon SLB9665 supports TPM 2.0
<b>SBC</b>	EMX-C246P
Expansion	
<b>Expansion</b>	2 x PCIe x 8 1 x M.2 ((2242/2260/2280) M-Key, support Intel RST, PCIe x4 SSD) 1 x M.2 ((2230) E-Key E, support WiFi module supports CNVio)
Storage	
<b>Storage</b>	2 x 2.5" SSD/HDD
I/O	
<b>USB Port</b>	Rear: 2 x USB 2.0, 8 x USB 3.1 (Gen1) Front: 2 x USB 2.0
<b>COM Port</b>	6 x RS232 (default RS232, 2 of 6 COM can be replaced RS-232/RS422/485 by BIOS -OEM demand )
<b>Wire-Control Power On/Off</b>	2-Pin Terminal Block
Display	
<b>Graphic Chipset</b>	Intel® 9/8th Generation CPU integrated
<b>Spec. &amp; Resolution</b>	VGA: 2048 x 1536 @ 60 Hz HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 60 Hz
<b>Multiple Display</b>	Triple Display
Audio	
<b>Audio Codec</b>	Realtek ALC888S HD Audio Decoding Controller with 3W Amplifier
Certifications	
<b>Certification Information</b>	CE FCC Class B
Ethernet	
<b>LAN Chipset</b>	1 x Intel® I219-LM PCIe Gigabit Ethernet PHY 3 x Intel® I210-AT PCIe Gigabit Ethernet
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	4 x RJ-45
Power Requirement	
<b>DC Input</b>	100 ~ 240 VAC
<b>DC Input Connector</b>	AC Jack (IEC 320 C14)
<b>Power Mode</b>	AT/ATX Mode (Default: ATX mode)
<b>Power Supply Unit</b>	Standard 400W Power Supply
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F),(w/SSD) ambient w/ air flow
<b>Storage Temperature</b>	-30°C ~ 70°C (-22°F ~ 158°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	372mm x 307 mm x 107mm
<b>Weight</b>	6.4 kg (w_Package)
<b>Vibration Test</b>	With SSD : 2 Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 0.5hr/axis
<b>Shock Test</b>	With SSD : 10 Grms, IEC 60068-2-27, Half Sine, 11ms
<b>Construction</b>	Aluminum+Metal
Software Support	



<b>OS Information</b>	Win10 64bit Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	BMX-T540-C246-A1R Mini ITX System with Intel® C246 chipset  Power Cord information USA Power Cord: E1702031833R UK Power Cord: E170P060380R EU Power Cord: E1702031000R Australia Power Cord: E1702031831R

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