



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

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OS Information	Win10 64bit Linux
Ordering Information	
Ordering Information	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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