



## BMX-T550

### Desktop Chassis and Barebone system

- > Intel® 8<sup>th</sup>/9<sup>th</sup> Coffee Lake-S Processor
- > Intel® H310 Express Chipset
- > Intel® UHD Graphics 610/630
- > 2-Memory Socket, Max. Up to 64GB DDR4 2666
- > 2-Storage, 2.5" Drive Bay
- > 3-Display, HDMI, VGA, DP++
- > 3-Expansion Slot, PCIe x 16, M.2 Key B/E
- > 4-Intel® Gigabit Ethernet
- > 12-USB, 6-USB 2.0, 6-USB 3.1
- > 0~50°C (32°F ~ 122°F) Operating Temperature

#### + Spec

System Information	
<b>Processor</b>	Intel® 8/9th Gen. Core™ i7/i5/i3/Pentium®/Celeron®/Processor
<b>Platform Controller Hub</b>	Intel® H310 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-H310P(Mini ITX Board)
Expansion	
<b>Expansion</b>	1 x PCIe x 16 1 x M.2 (2242/2260/2280) B-Key, supports WWAN+GNSS with SIM card slot & SSD (SATA) 1 x M.2 (2230) E-Key, supports WiFi module
Storage	
<b>Storage</b>	2 x 2.5" SSD/HDD
I/O	
<b>USB Port</b>	Rear: 4 x USB 2.0, 6 x USB 3.1 (Gen1) Front: 2 x USB 2.0
<b>COM Port</b>	Optional via rear IO Expansion Shield
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 @ 30 Hz DP++: 4096x2160 @ 30Hz
<b>Multiple Display</b>	Triple Display
Certifications	
<b>Certification Information</b>	CE FCC Class B
Ethernet	
<b>LAN Chipset</b>	1 x Intel® I219-LM PCI-e Gigabit Ethernet PHY 3 x Intel® I211-AT PCI-e 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 Connector</b>	AC Jack (IEC 320 C14)
<b>Power Mode</b>	AT/ATX Mode (Default: ATX mode)
<b>Power Supply Unit</b>	Standard 220W Flex ATX Power Supply
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F), (w/SSD) ambient w/ air flow
<b>Storage Temperature</b>	-20°C ~ 70°C (-4°F ~ 158°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	280 mm x 265 mm x 75 mm
<b>Weight</b>	3.6 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
Ordering Information	



**Ordering Information**

BMX-T550-A1-1R  
STD desktop chassis w/o motherboard  
BMX-T550-A1-2R  
STD IMB desktop system w/i7-8700T  
BMX-T550-A1-3R  
STD IMB desktop system w/i5-8500T  
BMX-T550-A1-4R  
STD IMB desktop system w/i3-8100T