



BMX-T550

Desktop Chassis and Barebone system

- > Intel® 8th/9th 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- | |
|----------------------------------|---|
| Processor | Intel® 8/9th Gen. Core™ i7/i5/i3/Pentium®/Celeron®/Processor |
| Platform Controller Hub | Intel® H310 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-H310P(Mini ITX Board) |
| Expansion | |
| Expansion | 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 | |
| Storage | 2 x 2.5" SSD/HDD |
| I/O | |
| USB Port | Rear: 4 x USB 2.0, 6 x USB 3.1 (Gen1) Front: 2 x USB 2.0 |
| COM Port | Optional via rear IO Expansion Shield |
| 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 @ 30 Hz DP++: 4096x2160 @ 30Hz |
| Multiple Display | Triple Display |
| Certifications | |
| Certification Information | CE FCC Class B |
| Ethernet | |
| LAN Chipset | 1 x Intel® I219-LM PCI-e Gigabit Ethernet PHY 3 x Intel® I211-AT PCI-e Gigabit Ethernet |
| Ethernet Interface | 10/100/1000 Base-Tx GbE compatible |
| LAN Port | 4 x RJ-45 |
| Power Requirement | |
| DC Input Connector | AC Jack (IEC 320 C14) |
| Power Mode | AT/ATX Mode (Default: ATX mode) |
| Power Supply Unit | Standard 220W Flex ATX Power Supply |
| Mechanical & Environmental | |
| Operating Temperature | 0°C ~ 50°C (32°F ~ 122°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) | 280 mm x 265 mm x 75 mm |
| Weight | 5.6 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 | |
| OS Information | 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

Power Cord information
USA Power Cord: E1702031833R
UK Power Cord: E170P060380R
EU Power Cord: E1702031000R
Australia Power Cord: E1702031831R