



## BMX-T522-SK

Intel® 6th Gen Core™ SoC i7/i5/i3 & Celeron® BGA Processor Mini ITX Fanless Box PC



- > DP++, HDM/DP, Dual Display
- > 2 x Intel® I211-AT Gigabit Ethernet
- > 2 x 260-pin DDR4 2133 MHz SO-DIMM Socket, Supports up to 32GB Max (Default: 1 x 4GB DDR4 Memory)
- > 4 x USB 2.0, 4 x USB 3.0, 1 x Mic-In, 1 x Line-Out
- > 4 x RS-232, 2 x RS-232/422/485, 16-bit GPIO by 2 x DB9
- > 2 x 2.5" Internal Bracket, 1 x SD Card Slot, 1 x SIM Card Slot
- > 1 x M.2 Type B 3042/2242/2260/2280 w/ SIM card slot, 1 x M.2 Type A
- > Onboard Infineon SLB9665 TPM 2.0
- > DC in +12V (Lockable DC Jack)

### + Spec

-System Information-	
<b>Processor</b>	Intel® 6th Gen Core™ SoC i7/i5/i3 & Celeron® BGA Processor
<b>System Memory</b>	2 x 260-pin DDR4 2133 MHz SO-DIMM Socket, Supports up to 32GB Max (Default: 1 x 4GB DDR4)
<b>Watchdog Timer</b>	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>SBC</b>	EMX-SKLUP
Expansion	
<b>Expansion</b>	1 x M.2 Key B 3042/2242/2260/2280 w/ SIM card slot 1 x M.2 Key A 2230 Supports WiFi Module
Storage	
<b>Storage</b>	1 x SD card slot support SD/ SDHC Card 2 x 2.5" Internal HDD Bracket
I/O	
<b>USB Port</b>	4 x USB 3.0, 4 x USB 2.0
<b>COM Port</b>	4 x RS-232 (pin9 with power) 2 x RS-232/422/485
<b>GPIO</b>	2 x 8-bit GPIO by DB9 connector
<b>SIM Slot</b>	1 x SIM Card Slot
<b>Other</b>	2 x SMA Connector (Optional)
Display	
<b>Graphic Chipset</b>	Intel® 6th Gen Core™ SoC i7/i5/i3 & Celeron® BGA Processor
<b>Spec. &amp; Resolution</b>	HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 30 Hz DP: 4096x2160 @ 60Hz DP: 4096x2160 @ 60Hz  DP + DP, DP + HDMI
<b>Multiple Display</b>	Dual Display
Audio	
<b>Audio Codec</b>	Realtek ALC888S Audio Codec
<b>Audio Interface</b>	Mic-In and Line-Out
Ethernet	
<b>LAN Chipset</b>	1 x Intel® i211AT & 1 x Intel® i219LM Gigabit Ethernet
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ45
Power Requirement	
<b>DC Input</b>	DC in +12V~24V
<b>DC Input Connector</b>	DC Jack (lockable)
<b>Power Mode</b>	ATX
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A)
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F) (w/HDD), ambient w/ air flow 0°C ~ 55°C (32°F ~ 131°F) (w/Wide-temp. SSD, M.2), 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>	180 x 182 x 76 mm
<b>Weight</b>	3.5kg
<b>Construction</b>	Aluminum + Metal
Ordering Information	



**Ordering Information**

BMX-T522-SKC-B1R (CPU: 3955U)  
BMX-T522-SK3-B1R (CPU: i3-6100U)  
BMX-T522-SK5-B1R (CPU: i5-6300U)  
BMX-T522-SK7-B1R (CPU: i7-6600U)  
Intel® 6th Gen Core™ SoC i7/i5/i3 & Celeron® BGA Processor Mini ITX Fanless Box PC  
E1961361013R / 44 x 46.8 x 8.8 Din Rail kit

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