



BMX-T524-H110

Mini ITX Barebone System with Intel® H110 Chipset

- > Intel® H110 Chipset
- > 2 x 260-pin DDR4 2133MHz SO-DIMM socket, supports up to 32GB
- > 2 x 2.5" SSD/HDD or 1 x 3.5" HDD Internal Bracket
- > 1 x HDMI, 1 x VGA (or DP); Dual Display
- > 1 x Full Size Mini-PC-e Supports mSATA(SATA III), 1 x Half Size Mini PC-e
- > Front: 2 x USB 2.0; Rear: 4 x USB 3.0, 2 x USB 2.0
- > 5 x COM, 2 x LAN, 1 x Line-out, Line-in and Mic-in
- > 1 x PS/2 Keyboard/Mouse Combo Jack
- > 24V/5A 120W Power Din Adapter
- > DC-in 18~28V (DC to DC power module)

+ Spec

System Information	
Processor	Intel® LGA1151 Socket Supports 6th Generation Core™ Refresh i7/i5/i3, Pentium® and Celeron® Processors (Max. TDP at 65W w/ certified cooler, default: 35W)
Platform Controller Hub	Intel® H110 Chipset
System Memory	2 x 260-pin DDR4 2133 MHz SO-DIMM up to 32GB
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EMX-H110P-A1R (6th Gen) or EMX-H110KP-A1R (7th Gen)
Storage	
Storage	2 x 2.5" SSD/HDD or 1 x 3.5" HDD Internal Bracket
I/O	
USB Port	Rear: 2 x USB 2.0 Front: 2 x USB 2.0, 4 x USB 3.0
COM Port	1 x RS-232/422/485, 4 x RS-232
PS/2	1 x PS/2 Keyboard/Mouse Combo Jack
Other	2 x SMA connector (optional)
Display	
Graphic Chipset	Intel® 6th/7th Generation CPU integrated
Spec. & Resolution	VGA: 2048 x 1536 @ 60 Hz HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 60 Hz DP: 4096 x 2304 @ 60Hz
Multiple Display	Dual Display
Audio	
Audio Codec	Realtek ALC888S HD Audio Decoding Controller with 6W Amplifier
Audio Interface	Mic-In, Line-In, Line-Out
Ethernet	
LAN Chipset	1 x Intel® I219-LM PCI-e Gigabit Ethernet PHY 1 x Intel® I211-AT PCI-e Gigabit Ethernet
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	18~28V (DC to DC power module)
DC Input Connector	Power Din
Adapter	24V/5A 120W adapter
Mechanical & Environmental	
Operating Temperature	(w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	205 x 205 x 86 mm
Storage Humidity	10 ~ 95% @ 40°C Non-condensing
Construction	Metal
Ordering Information	
Ordering Information	6th Gen Barebone: BMX-T524-H110-B1R (Mini ITX System with Intel® H110 chipset) Mounting bracket kit: E195BMBMT52100R (2pcs. per unit)