



BMX-T521-BYT

Fanless Intel® Celeron® Processor J1900 Mini ITX Box PC

- > 1 x VGA, 1 x HDMI
- > 2 x Intel® I211AT Gigabit Ethernet
- > 2 x 204-pin DDR3L 1333 MHz SO-DIMM Socket, Supports up to 8GB Max (Default: 1 x 2GB DDR3L Memory)
- > 1 x Mic-In, 1 x Line-Out
- > 2 x USB 2.0, 4 x USB 3.0
- > 5 x RS-232, 1 x RS232/422/485
- > 2 x 2.5" Drive Bay, 1 x SD Card Slot
- > 1 x SIM Card Slot
- > 1 x Full Size Mini PC-Ie Supports mSATA Only(Switch by Jumper)
- > 1 x Full Size Mini PC-Ie Supports WiFi & 3G/4G Module
- > DC in +12V (Lockable DC Jack)

+ Spec

System	
Processor	Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz)
System Memory	2 x 204-pin DDR3L 1333MHz SO-DIMM up to 8 GB (Default: 1 x 2GB DDR3L)
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor Board	Monitoring System Temperature and Voltage with Auto Throttling Control
Board	EMX-BYT2
Expansion	
Expansion	1 x Full Size Mini PC-Ie support mSATA Only 1 x Full Size Mini PC-Ie support WiFi & 3G/4G module
Storage	
Storage	1 x SD card slot support SD/ SDHC Card 2 x 2.5" Drive Bay
I/O	
USB	4 x USB 3.0, 2 x USB 2.0
SATA	2 x SATA II 2 x SATA Power
Com Port	5 x RS232 (pin9 with power) 1 x RS232/422/485
Other	1 x SIM Card Slot 2 x SMA Connector (Optional)
Display	
Chipset	Intel® Atom™/ Celeron® SoC integrated Graphics
Resolution	VGA:2560 x 1600 @ 60 Hz HDMI:1920 x 1200 @ 60Hz VGA + HDMI
Audio	
Chipset	Realtek ALC662 supports 2-CH
Audio Interface	Mic-In and Line-Out
Ethernet	
Chipset	2 x Intel I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Lan Port	2 x RJ45
Mechanical & Environmental	
Operating Temp	(w/SSD, mSATA), ambient w/ air flow 0°C ~ 50°C (32°F ~ 122°F) (w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Construction	Aluminum + Metal
Dimension (L x W x H)	180 x 182 x 76 mm
Storage Humidity	10 ~ 95% @ 40°C Non-condensing
Power Requirement	
Power Connector	DC Jack (lockable)
Power Requirement	+12V
Power Mode	ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A)

+ Ordering

BMX-T521-BYT-A1R
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