



BMX-T520-QM77

Intel® Core™ i7/ i5/ i3 Processors Fanless Mini ITX Barebone System with Intel® QM77 Express Chipset

- > Avalue Standard Fanless Mini ITX Chassis
- > Compliant with Avalue Mini ITX Board (OEM Thermal Module)
- > Intel® rPGA988 Socket Supports Intel® 2nd/3rd Generation Core™ i7/i5/i3 Processors
- > Intel® QM77 Express Chipset
- > Two 204-pin SO-DIMM Sockets support up to 16GB DDR3 1333/1600 MHz SDRAM
- > Dual Display, HDMI, VGA, DVI-D
- > Realtek ALC892 HD Audio
- > Dual Gigabit Ethernet
- > Supports iAMT 8.0, TPM 1.2 and Software RAID Function

+ Spec

System	
Processor	Intel® Core™ i7-3610QE 4-Core 2.3GHz Intel® Core™ i5-3610ME 2-Core 2.7GHz Intel® Core™ i3-3120ME 2-Core 2.4GHz
System Chipset	Intel® QM77 Express Chipset
System Memory	2 x 204-pin DDR3 1333/1600MHz SO-DIMM up to 16 GB
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Board	EMX-QM77
Expansion	
Expansion	1 x Mini PCI-e 1 x PC-ex16
Storage	
Storage	2 x 2.5" Drive Bay 1 x 3.5" Drive Bay 1 x 3.5" or 2 x 2.5" Drive Bay 1 x CFast™
I/O	
USB	4 x USB 2.0 4 x USB 3.0
COM Port	3 x RS-232
Other	2 x Knockouts for Antenna Mounting
MIO	1 x PS/2 Keyboard 1 x PS/2 Mouse
Display	
Chipset	Intel® 2nd/3rd Generation CPU integrated
Resolution	VGA:2048 x 1536 @ 60Hz HDMI:1920 x 1200 @ 60Hz DVI:1920 x 1200 @ 60Hz VGA + HDMI + DVI-D
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In, Line-In and Line-Out
Ethernet	
Chipset	1 x Intel® 82583V 1 x Intel® 82579LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	(w/SSD), ambient w/ air flow; i7 -10°C ~ 50°C (14°F ~ 122°F) (w/SSD), ambient w/ air flow; i5/i3/Celeron -10°C ~ 60°C (14°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Construction	Metal
Mounting Kit	Wall Mount kit (Standard)
Dimension (L x W x H)	353 x 230 x 99 mm
Storage Humidity	10 ~ 95% @ 40°C Non-condensing
Power Requirement	
Power Connector	Phoenix Connector DC Jack (lockable)
Power Requirement	+12V



ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
Power Mode	ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A) Optional

+ Ordering

BMX-T520-QM77-A1R
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