



## BMX-P100-CDV

Intel® Atom™ D2550 Processor Fanless Mini ITX Barebone System with Intel® ICH10-R Chipset

- > Avalue Standard Mini ITX Chassis
- > Compliant with Avalue Mini ITX Board
- > Intel® Atom™ D2550 Processor (1M Cache, 1.86GHz)
- > Intel® ICH10-R Chipset
- > Two 204-pin SO-DIMM Sockets support up to 4GB DDR3 1066 MHz SDRAM
- > Dual Display, HDMI, VGA
- > Realtek ALC269 Audio
- > Dual Gigabit Ethernet

### + Spec

System	
Processor	Intel® Atom™ D2550 Processor (1M Cache, 1.86GHz)
System Chipset	Intel® ICH10-R Express Chipset
System Memory	2 x 204-pin DDR3 1066 MHz SO-DIMM Sockets support up to 4GB
Watchdog Timer	H/W Reset: 1sec.~255sec. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Board	EMX-CDV
Expansion	
Expansion	1 x Mini PCIe
Storage	
Storage	1 x mSATA 1 x 2.5" Drive Bay
I/O	
USB	6 x USB 2.0
COM Port	3 x RS-232
Other	1 x PS2 Keyboard & Mouse
Display	
Chipset	Integrated Intel® Graphics Media Accelerator Supports dual display
Resolution	1 x VGA 1 x HDMI
Audio	
Chipset	Realtek ALC269 supports 5.1-CH
Audio Interface	Mic-in, Line-in and Line-out
Ethernet	
Chipset	2 x Realtek 8111E
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 0°C ~ 45°C (32°F ~ 113°F) (w/HDD), ambient w/ air flow 0°C ~ 35°C (32°F ~ 104°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	10 ~ 85% @ 40°C Non-condensing
Construction	Metal
Mounting Kit	Wall Mount kit (Optional)
Dimension (L x W x H)	8.46" x 9.06" x 2.56" (215mm x 230mm x 65mm)
Storage Humidity	10 ~ 95% @ 40°C Non-condensing
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	100 ~ 240V/50 ~ 60Hz Power Supply
ACPI	Single Power ATX Support S0, S1, S3, S4, S5
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)



 Ordering

BMX-P100-CDV-A1R  
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