

EPC-B2000

Embedded Mini-ITX Chassis with One/ Two single Expansion Slot



CE FCC RoHS

Features

- Economical embedded chassis for Mini-ITX motherboard
- One expansion slot (low profile)(2U)/ Two expansion slot (low profile) (3U)
- Support remote Switch(3U)
- Multiple I/O ports with punchouts
- Support Two 2.5" SSD(2U) / 2.5" SSD and one 3.5" SSD(3U)
- Support AC-in with PSU inside or DC-in with power adaptor

Specifications

Series	EPC-B2000 series							
Order Part Number		AIMB-B2000-15ZE	AIMB-B2000-00YE	EPC-B2000NA-35Z000	EPC-B2000NA-00Y000	EPC-B2000HA-35Z0E	EPC-B2000HA-50Z0E	EPC-B2000HA-00Y1E
System Fan	System Fan	2 (7cm/39.45CFM each)	1 (7cm/39.45CFM)	2 (7cm/39.45CFM each)		2 (7cm/39.45CFM each)		
Drive Bay	2x 2.5" SSD (7mm)			2x 2.5" SSD (7mm)		2x 2.5" SSD (7mm), 1x 3.5" HDD**		
Front Panel	USB	4	4	4	4	6	6	6
	Serial	4	4	4	4	8	8	8
	WLAN Antenna	2	2	2	2	5	5	5
	Slim ODD	1	1	0	0	0	0	0
	Expansion slot	1 (low profile)	1 (low profile)	1 (low profile)	1 (low profile)	2 (low profile)	2 (low profile)	2 (low profile)
Rear Panel	LED Indicators	Power, HDD	Power, HDD	Power, HDD	Power, HDD	Power, HDD	Power, HDD	Power, HDD
	Reset Button	1	1	0	0	0	0	0
	Power Switch	1	1	1	1	1	1	1
	Remote Switch	0	0	0	0	1	1	1
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)						
	Non-operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)						
	Humidity	10 ~ 85% @ 40 °C, non-condensing						
	Vibration (5 ~5 00Hz)	1 Grms (2.5" SSD*1+ODD*1); 0.5 Grms (2.5" SSD*2)		1 Grms (SSD*2)				
	Shock	10G (with 11ms duration, half sine wave)						
Physical Characteristics	Dimensions (W x H x D)	250 x 98 x 255 mm (9.84" x 3.86" x 10.04")		250 x 98 x 255 mm (9.84" x 3.86" x 10.04")		275 x 133 x 250 mm	275 x 155 x 250 mm	275 x 133 x 250 mm
	Weight	3.8 kg	3.1 kg	3.8 kg	3.1 kg	TBC	TBC	TBC
	PSU #1	150W	None	350W	None	350W	500W	None

* AIMB-2000 series Top drive bay supports max. 12.5mm height HDD or slim ODD; Bottom drive bay supports max. 9.5mm height HDD.

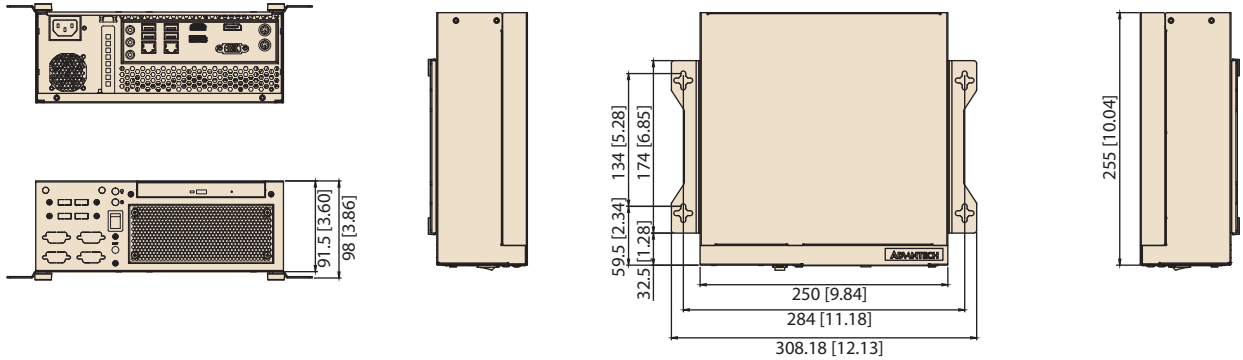
#1 If customer needs other spec of PSU, please apply T-P/N. (Please refer to the list of power supply options below)

** EPC-B2000HA: If you want to support a taller Expansion Card or two 3.5" HDDs, you can apply for a T-PN to change the top cover (T-PN MOQ is 100pcs).

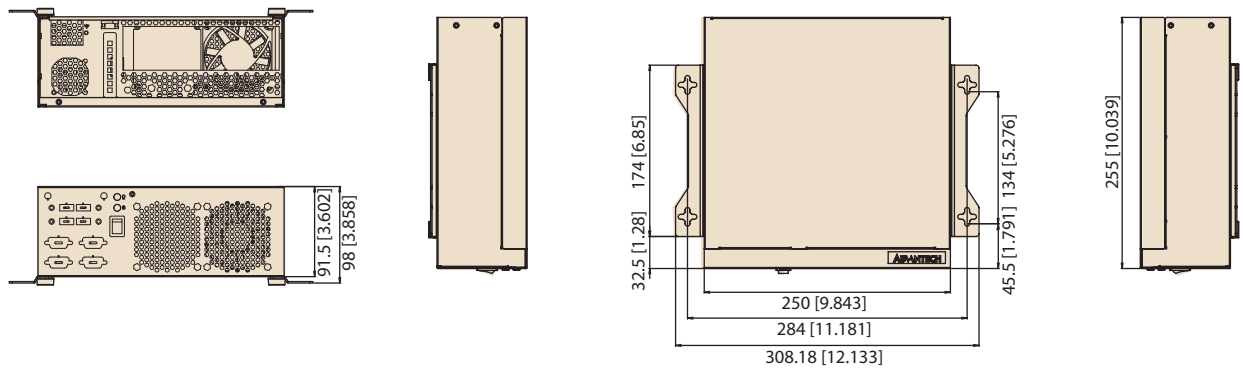
Dimensions

Unit: mm [inch]

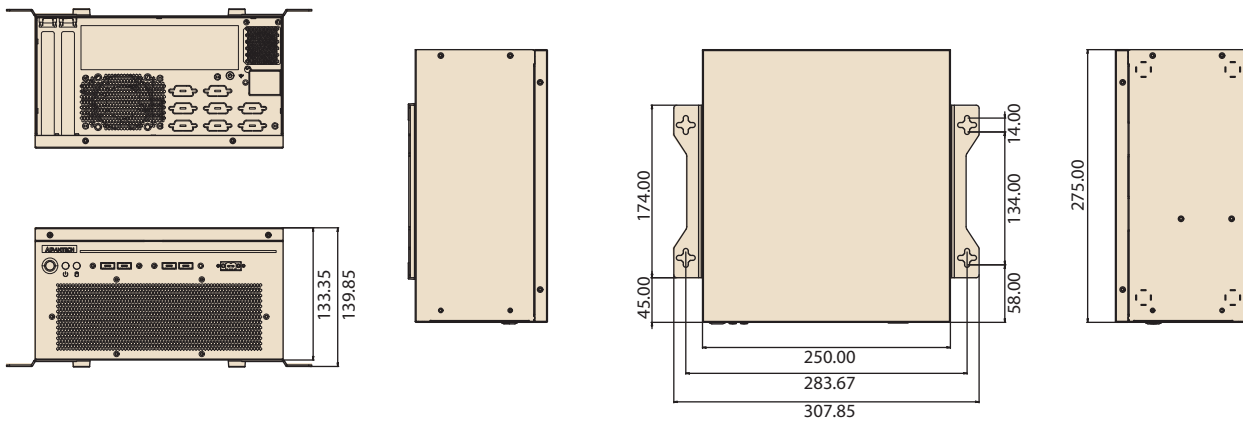
AIMB-B2000(2U)



EPC-B2000NA(2U)



EPC-B2000HA(3U)



Ordering Information

Model Name	Parts Number	Description	Power Supply	Supported MB	Csrton Dimension
AIMB-B2000	AIMB-B2000-15ZE	AIMB-B2000 Mini-ITX MB chassis w/ 150W PSU	Flex ATX 150W built in	AIMB-205/275/277	365LX350WX230H
	AIMB-B2000-00YE	AIMB-B2000 wallmount chassis w/o adaptor	Optional external AC-DC Adapter (refer to motherboard datasheet for details)	AIMB-215/217/232/228/275/285/276/286/218/287/229	
EPC-B2000NA	EPC-B2000NA-35Z000	New EPC-B2000 chassis w/ 350W PSU,w/o fan holder	Flex ATX 350W built in	AIMB-278/AIMB-208	380LX370WX205H
	EPC-B2000NA-00Y000	New EPC-B2000 chassis w/o PSU, sys fan holder	Optional external AC-DC Adapter (refer to motherboard datasheet for details)	AIMB-279/AIMB-288E/AIMB-215/217/232/228/275/285/276/286/218/287/229	
EPC-B2000HA	EPC-B2000HA-35Z0E	EPC-B2000 (3U) chassis w/350w PSU	Flex ATX 350W built in	AIMB-278/AIMB-208/AIMB-279/AIMB-288E/AIMB-2210/AIMB-2710/AIMB-215/217/232/228/275/285/276/286/218/287/229	
	EPC-B2000HA-50Z0E	EPC-B2000 (3U) chassis w/500w PSU	Flex ATX 500W built in		
	EPC-B2000HA-00Y0E	EPC-B2000 (3U) chassis w/o PSU	Optional external AC-DC Adapter (refer to motherboard datasheet for details)		

EPC-B2000HA: If you want to support a taller Expansion Card or two 3.5" HDDs, you can apply for a T-PN to change the top cover (T-PN MOQ is 100pcs).

Power Supply Options

Category	Part Number	Watts	Input	Output	Safety
Adapter Power	96PSA-A60W12R1-3	60W	AC 100-240V	12V	CE/ FCC/ CCC/ BSMI/CB /UL /TUV /KC /PSB /PSE /BIS /RCM /IRAM
Adapter Power	96PSA-A60W12V1-4	60W	AC 100-240V	12V	CE/ FCC/ CCC/ BSMI/CB /UL /TUV /KC /PSB /PSE /BIS /RCM /IRAM
Adapter Power	96PSA-A60W12D4-3	60W	AC 100-240V	12V	CE/ FCC/ CCC/ BSMI/CB /UL /TUV /KC /PSB /PSE /BIS /RCM /IRAM
Adapter Power	96PSA-A60W12P2-3	60W	AC 100-240V	12V	CE/ FCC/ CCC/ BSMI/CB /UL /TUV /KC /PSB /PSE /BIS /RCM /IRAM
Adapter Power	96PSA-A60W12W7-3	60W	AC 100-240V	12V	CE/ FCC/ CCC/ BSMI/CB /UL /TUV /KC /PSB /PSE /BIS /RCM /IRAM
Adapter Power	96PSA-A120W12V1-3	120W	AC 100-240V	12V	CE/ FCC/ BSMI/ CB/ UL/ TUV/ KC/ PSE/ BIS/ RCM
Adapter Power	96PSA-A120W12W7-3	120W	AC 100-240V	12V	CE/ FCC/ BSMI/ CB/ UL/ TUV/ KC/ PSE/ BIS/ RCM
Adapter Power	96PSA-A150W12W7-4	150W	AC 100-240V	12V	CE/ FCC/ BSMI/ CB/ UL/ TUV/ KC/ PSE/ RCM

* If the customer wants to use it with the above, please follow the CTOS process. If the MOQ is >100 pcs, please proceed with the T-PN process.

Packing List

AIMB-B2000

Part Number	Description	AIMBB2000-15ZE	AIMBB2000-00YE
1700018910	SATA Cable	2	2
1700021185-01	SATA Power Cable (2 Ports)	1	0
1700008941-11	SATA Cable 180/180	0	0
1700023417-01	Fan cable 3p to 4p	2	1
1990009411T000	Mylar 94X69 for HDD	2	2
1930004607	M3x4 Screws For HDD#1,#2	8	8
1930000002	M4x8 Screws For HDD Holder	4	4
1960014487T001	Wall Mount Bracket	2	2
1990012452S000	Chassis Rubber Foot	4	4
1930003238	M3x5 Screws For Chassis Rubber Foot/Wall Mount bracket	4	4
1935020330	M2x3 Screws For Slim ODD	4	4
1939000361	M3x6 Screws For Main Board	4	4
1970005349T001	CPU cooler for Intel LGA 1700	0	0

If there are any changes, please follow the actual packaging.

EPC-B2000NA

Part Number	Description	EPC-B2000NA-35Z000	EPC-B2000NA-00Y000
1700003194-21	SATA Cable 60CM 180/180	1	1
1990009411T000	Mylar 94X69 for SSD	2	2
1930004607	M3x4 Screws For SSD	10	10
1990012452S000	Chassis Rubber Foot	4	4
1930003238	M3x5 Screws For Chassis Rubber Foot/Wall Mount bracket	4	4
1939000361	M3x6 Screws For Main Board	4	4
1960014487T00	Wall Mount Bracke	2	2

If there are any changes, please follow the actual packaging.

EPC-B2000HA

Part Number	Description	EPC-B2000HA-35Z0E	EPC-B2000HA-50Z0E
1700034405-01	1-to-2 USB cable, 50cm	1	0
1700003194-21	1-to-1 SATA cable, 60cm	1	1
1700035843-01	Power switch cable, 40cm	1	1
170302060E-01	HDD cable, 60cm	1	1
1700005612	LED cable, 60cm	1	1

If there are any changes, please follow the actual packaging.

Optional Accessories

AIMB-B2000

Part Number	Description
96SDVR-8X-ST-HL-B	Slim DVD-ROM (only for AIMB-B2000-15ZE, AIMB-B2000-00YE)
1700000596	Power cable 3-pin 183cm, China type
1702031801	Power cable 3-pin 183cm, UK type
1702002600	Power cable 3-pin 183cm, USA type
1702002605	Power cable 3-pin 183cm, Europe type
1960060732N001	CPU cooler for Intel LGA1151/1200 socket

EPC-B2000NA

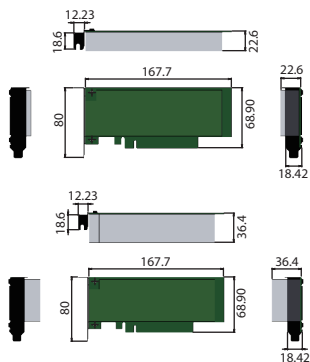
Part Number	Description
960060732N001	CPU cooler for Intel LGA1151/1200 socket
1970005349T001	CPU cooler for Intel LGA 1700 socket
1700023766-01	SATA power cable (MB to SSD) 220mm
1700021185-01	SATA Power Cable (1-to-2)
1700000596	Power Cord 3-pin 183cm, China type
1702031801	Power Cord 3-pin 183cm, UK type
1702002600	Power Cord 3-pin 183cm, USA/ TWN type
1702002605	Power Cord 3-pin 183cm, Europe type

EPC-B2000HA

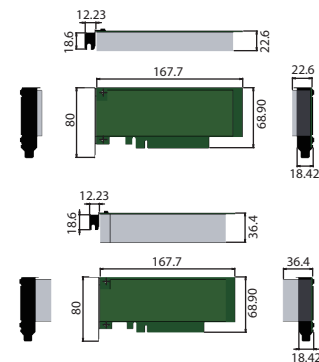
Part Number	Description
1960060732N001	CPU cooler for Intel LGA1151/1200 socket
1970005349T001	CPU cooler for Intel LGA 1700 socket
1960121161N000	PSU Cover (if use DC-IN)
1930005836-01	Screws for PSU Cover
1750008720-01	System Fan 6025 at I/O side
1700019136-12	1-to-2 system fan cable
1700023766-01	SATA power cable (MB to SSD) 220mm
1700021185-01	SATA Power Cable (1-to-2)
1700036197-01	Y cable for Power switch and remote switch, 40cm
1700003194-21	1-to-1 SATA cable, 60cm
1700034404-01	1-to-1 COM cable, 50cm
1700035844-01	1-to-1 COM cable(2x5P-2.0), 25cm
1700034405-01	1-to-2 USB cable, 50cm
1700035482-01	1-to-2 USB cable(2x5P-2.0), 25cm
1700000596	Power Cord 3-pin 183cm, China type
1702031801	Power Cord 3-pin 183cm, UK type
1702002600	Power Cord 3-pin 183cm, USA/ TWN type
1702002605	Power Cord 3-pin 183cm, Europe type

Support PCIe Card Dimension

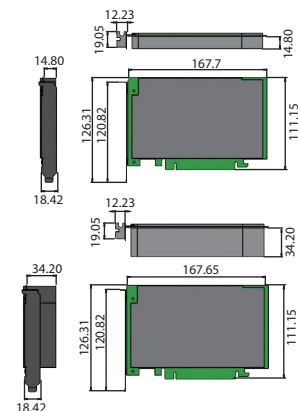
AIMB-B2000(2U)



EPC-B2000NA(2U)



EPC-B2000HA(3U)



Front View

AIMB-B2000(2U)



EPC-B2000NA(2U)



EPC-B2000HA(3U)



Rear View

AIMB-B2000(2U)



EPC-B2000NA(2U)



EPC-B2000HA(3U)

