

ASMB-BMC

BMC Module IPMI 2.0

Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

1. ASMB-BMC module x 1
2. 2-year quality warranty card x 1 P/N: 2190000902
3. Startup manual x 1 P/N: 20060BMC00

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Specifications

Standard Functions

- ASMB-BMC is compliant with Intel IPMI 2.0 specification via IPMI connector on ASMB series server boards
- **Support list:** ASMB-781G4, ASMB-820I, ASMB-920IR, ASMB-822I

Mechanical

- **Dimensions:** 36 mm x 15 mm
- **Power supply type:** 3.3 V, 5 V, 5 VSB
- **Power requirements:** 3.3 VSB
- **Operating temperature:** 0 ~ 60° C
- **Operating humidity:** 40° C @ 85% RH, Non-Condensing
- **Storage temperature:** -40 ~ 85° C
- **Storage humidity:** 60° C @ 95% RH, Non-Condensing
- **Weight:** 0.01 kg

For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>

<http://www.advantech.com/eplatform>

For technical support and service, please visit our support website at:

<http://www.advantech.com/support/>

This manual is for the ASMB-BMC Series.

Part No. 20060BMC00

Print in China

1st Edition

July 2013

Jumpers and Connectors

There is one connector on the module to connect with server board. The below table lists the function of this connector.

Jumpers and connectors

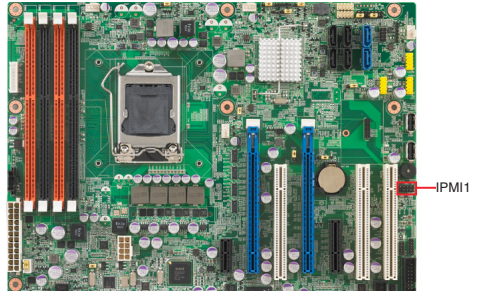
Connectors	
Label	Function
CN2	IPMI connector



Pin Definitions			
Pin	Signal	Pin	Signal
1	FLA_SPICK	2	ASTSPI_CE0#
3	FLA_WPN	4	N/A
5	FLA_SPIDIO	6	GND
7	ROMA0		

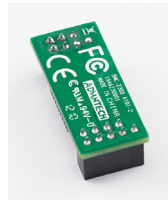
Installation Guide

1. Start to use ASMB-BMC by the following steps.
 - 1). Connect ASMB-BMC to location "IPMI1", reference location please check the manual of server board.



Example: ASMB-781

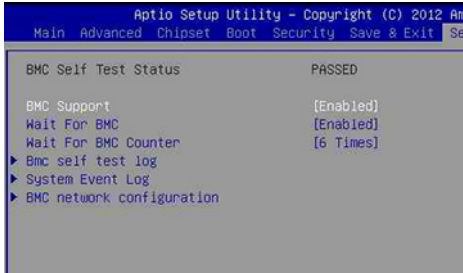
- 2). ASMB-BMC.



Installation Guide

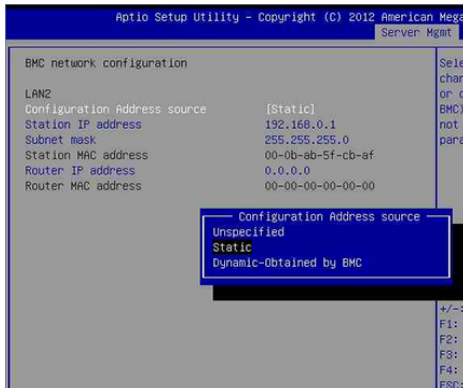
2. After setting up the hardware configuration, complete the BIOS settings below.
 - 1). Check the information below to find out corresponding commands to enable the BMC function.

Enter Server Mgmt, "BMC Support" and "Wait For BMC" are [Enabled].



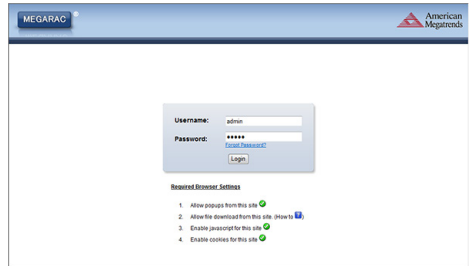
Enter BMC network configuration, when "Configuration Change Address source" is [Static], there is a default IP address for first time user setting.

For some server boards that provide two LAN options for BMC, the BIOS screen will show LAN1 and LAN2 information in the BMC network configuration screen.



Note: It will take 1 minute to initialize when first time connected to power on.

3. Set the IP address to the same segment as the connected LAN channel of ASMB-BMC in the client computer.
4. Open a browser and log into GUI (Graphic User Interface) of ASMB-BMC. Hyperlink Address is the same as the connected LAN channel IP address from the client computer.



Default user name and password	
Username	admin
Password	admin

Board Layout and Dimensions

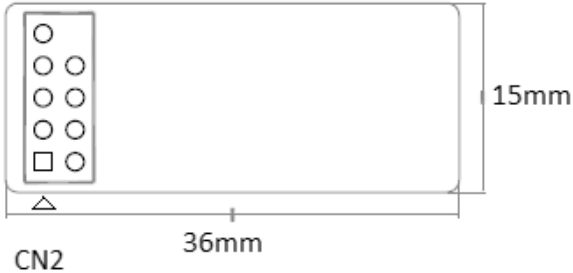


Figure 1: ASMB-BMC Board Layout and Dimensions