



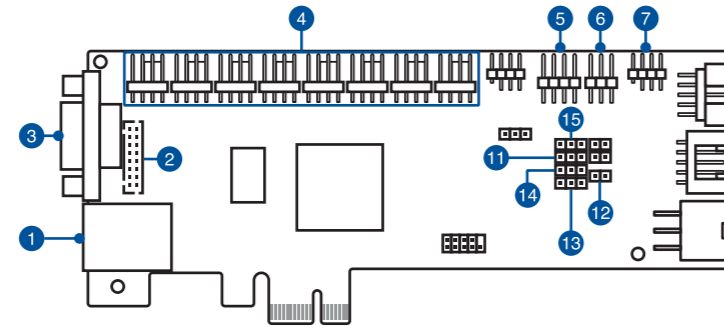
# Remote Management LAN Card IPMI expansion card

## Quick Start Guide

### Product specifications

<b>Chipset</b>	ASPEED VIDEO PROCESSOR AST2600A3-GP
<b>Interface</b>	PCIe 3.0 x1 interface
<b>VGA</b>	1 x D-sub supports max. resolution 1920 x 1200 @ 60Hz
<b>External connectors</b>	1 x D-Sub 1 x LAN (RJ45) port
<b>Internal connectors</b>	8 x fan headers 1 x 6-pin PSU connector 1 x BMC header 1 x LAN IP mode switch jumper 1 x SMART_PSU switch jumper 1 x PM_BUS header 1 x USB 2.0 connector 1 x VGA header 1 x Panel header(links to PWR/RST header of motherboard and chassis) 3 x T-sensor headers 1 x BMC switch jumper 1 x VGA switch jumper 1 x LOC switch jumper 1 x BMC Indicator LED
<b>Accessories</b>	1 x BMC cable 1 x Low profile bracket 1 x Power On/Off cable 1 x Reset cable 1 x USB 2.0 cable 1 x User guide
<b>Operating System</b>	Windows® 10 - 64 bit, Linux OS including Cent OS, Redhat, and Ubuntu
<b>Dimensions</b>	6.4 inch x 2.7 inch (162mm x 68.95mm )

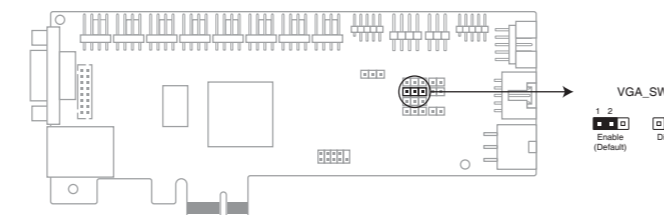
### Product Features



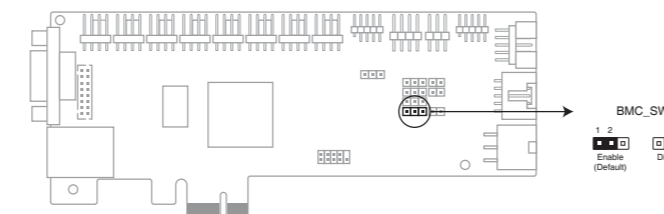
- 1 RTL8211F-CG 1G LAN connector
- 2 Onboard VGA header
- 3 VGA connector
- 4 Fan headers 1-8
- 5 PANEL header (connects to motherboard and chassis PANEL to control power/reset functions)
- 6 T\_SENSOR headers 1-3 (for temperature measuring)
- 7 BMC header (connects to motherboard BMC header)
- 8 USB header (connects to motherboard USB 2.0 front header)
- 9 PSU PM\_BUS header (connects to power supply)
- 10 6-pin PSU connector (connects to PCIE power +12V)
- 11 VGA switch jumper (to turn on/off the display; default set to On)
- 12 LOC switch jumper (keeps heartbeat LED lit up)
- 13 BMC switch jumper (turns on/off the BMC card)
- 14 SMART\_PSU switch jumper (controls alert)
- 15 LAN IP mode switch jumper (controls LAN IP - Dynamic/Fixed(10.10.10.10))

### Jumper configurations

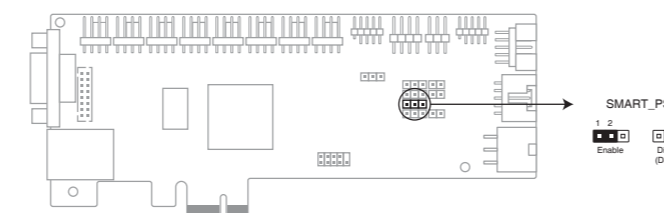
#### VGA switch jumper



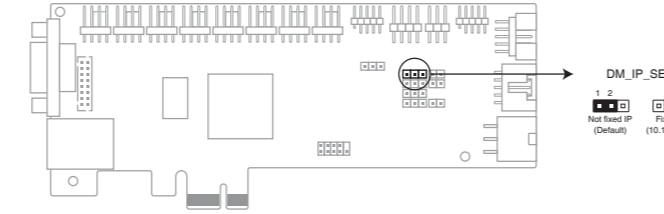
#### BMC switch jumper



#### SMART\_PSU switch jumper



#### LAN IP mode switch jumper

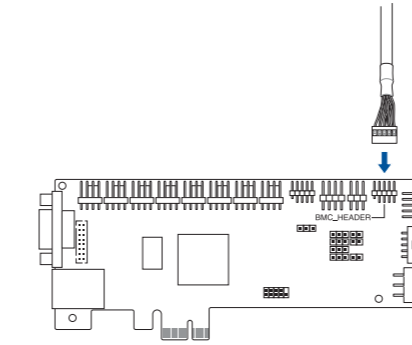


### Installing the IPMI expansion card

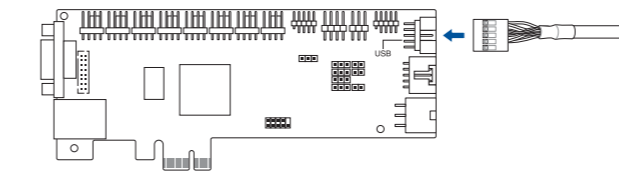
The cables connectors are notched to fit in only one orientation. Do not force the cable connectors onto the board headers/connectors in the incorrect orientation.

1. (on selected models) Connect the BMC cable to the BMC header (**BMC\_HEADER**) on the IPMI expansion card and the BMC header on your motherboard.

Only connect this header if your motherboard features a **BMC\_HEADER** header, please refer to the user manual that came with your motherboard package for more details.



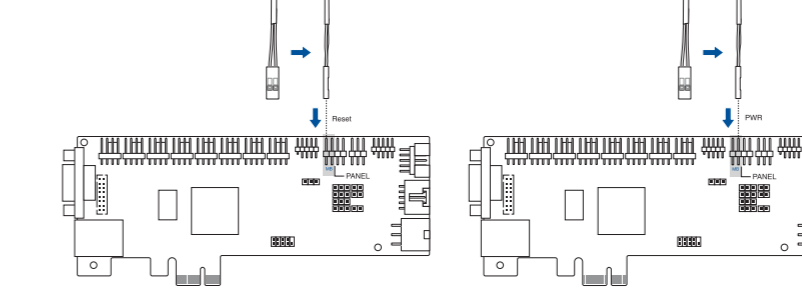
2. To supply the IPMI expansion card with power, connect the USB 2.0 cable to the USB connector (**USB**) on the IPMI expansion card and the USB 2.0 connector on your motherboard.



3. Connect the Power On/Off cable and Reset cables to the MB pins on the Panel header (**PANEL**) on the IPMI expansion card then connect them to the Panel header on the motherboard. Ensure the cables are connected such that the red cable is closest to the PCB.

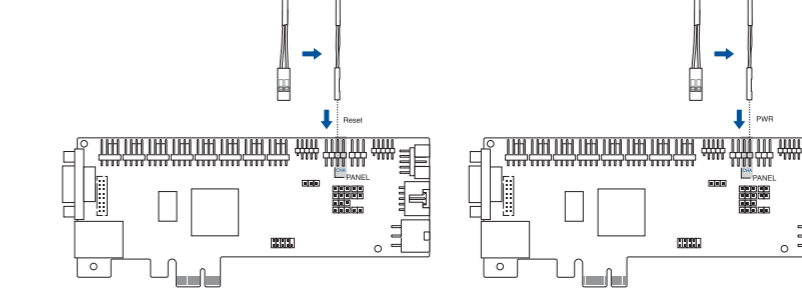
The Power On/Off cable and Reset cable are connected in opposite orientations when connecting them to the Panel header on your motherboard. For more information on the pin definitions of the Panel header on your motherboard, please refer to your motherboard's user guide.

#### MB pins

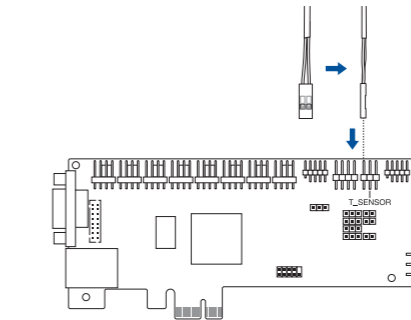


4. Connect the Power On/Off cable and Reset cables from the chassis to the CHA pins on the Panel header. Ensure the cables are connected such that the red cable is closest to the PCB.

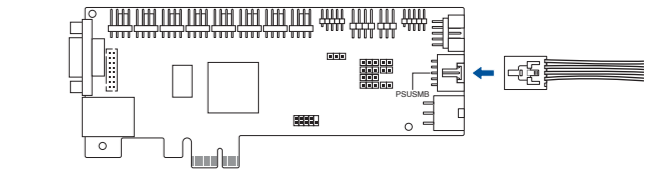
#### CHA pins



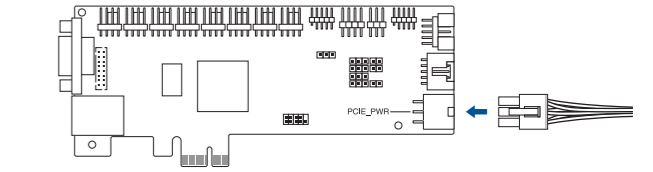
5. This board features three (3) T-Sensor headers (**T\_SENSOR**) which allow you to connect T-sensor cables for temperature monitoring functions.



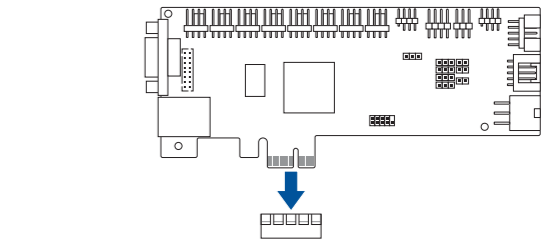
6. Connect the PMBus connector from the PSU to the PSU PM\_BUS header (**PSUSMB**) for monitoring information on the PSU such as voltage, current, and temperature.



7. Connect the 6-pin PCIe power connector from the PSU to the 6-pin PSU connector (**PCIE\_PWR**).



8. Insert the IPMI expansion card to a PCIe slot on your motherboard.



For more information on the IPMI card, you can scan the QR code for the user manual:



