



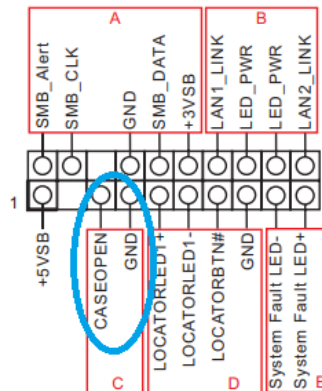
ASRockRack Technical Document (September/2025)

Q: How to enable/disable the chassis intrusion function by IPMITool?

Preparation

Make sure the motherboard has the sensor for chassis intrusion.

Auxiliary Panel Header
(18-pin AUX_PANEL1)



This header supports multiple functions on the front panel, including the front panel SMB, internet status indicator and chassis intrusion pin.

1. Local method

Preparation:

Ensure the OS within server has connected to network.

Steps: (Use Ubuntu 22.04.5 LTS for example)

1. Open terminal, and use the command below to update tool "apt".

"sudo apt update"

2. Use the command below to install tool "ipmitool"

"sudo apt install ipmitool"

3. Get and set Chassis intrusion config by using command below.

Get

"sudo ipmitool raw 0x3a 0x89"

->Return 00, means disable. (Chassis intrusion log won't generate.)

->Return 01, means enable. (Chassis intrusion log will generate.)

Set "enable"

"sudo ipmitool raw 0x3a 0x88 0x01"

->Return nothing means successful.

Set "disable"

"sudo ipmitool raw 0x3a 0x88 0x00"

->Return nothing means successful.

```
asrockrack@asrockrack:~$ sudo ipmitool raw 0x3a 0x89
00 -> 00 means config disable.
asrockrack@asrockrack:~$ sudo ipmitool raw 0x3a 0x88 0x01 Set the config enable.
asrockrack@asrockrack:~$ sudo ipmitool raw 0x3a 0x89
01 -> 01 means config enable.
asrockrack@asrockrack:~$ sudo ipmitool raw 0x3a 0x88 0x00 Set the config disable(default).
asrockrack@asrockrack:~$ sudo ipmitool raw 0x3a 0x89
00
```

2. Remote method

Preparation:

Ensure the OS within server has connected to network.

Steps: (Use Ubuntu 22.04.5 LTS for example)

1. Open terminal, and use the command below to update tool "apt".

"sudo apt update"

2. Use the command below to install tool "ipmitool"

"sudo apt install ipmitool"

3. Get and set Chassis intrusion config by using command below.

Get

"sudo ipmitool -I lanplus -H {BMC IP address} -U {username} -P {password} raw 0x3a 0x89"

->Return 00, means disable. (Chassis intrusion log won't generate.)

->Return 01, means enable. (Chassis intrusion log will generate.)

Set "enable"

"sudo ipmitool -I lanplus -H {BMC IP address} -U {username} -P {password} raw 0x3a 0x88 0x01"

->Return nothing means successful.

Set "disable"

"sudo ipmitool -I lanplus -H {BMC IP address} -U {username} -P {password} raw 0x3a 0x88 0x00"

->Return nothing means successful.

Done