

GSM400 Specification



GSM400 is a 4 port wireless Asterisk PCI card which is mainly applied to GSM, PSTN and Internet environment. Support the access of GSM, PSTN, telephone to realize GSM, PSTN, Internet integration. It supports all the functions of Asterisk PBX systems needed.

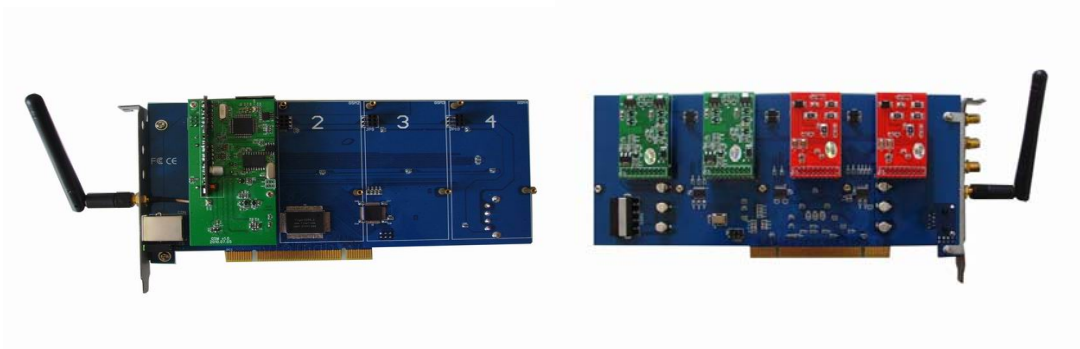
Feathers:

- Support the access of wireless(GSM and CDMA), PSTN, Phone.
- Supports GSM, CDMA two kinds of wireless communication standard.
- Support GSM: 850M/900M/1800M/1900M, CDMA: 800M.
- Support 4 channels, user can choose to insert wireless, FXO or FXS module in each channel.
- The PCI slot is based on PCI2.2.
- Support the reversal function of polarity when call out by wireless.
- 32 bit bus master DMA data exchanges across PCI interface at 132Mbytes/sec for minimum host processor intervention.
- It supports all the functions of Asterisk PBX systems needed.

Special Feathers:

- GSM400's driver totally compatible with TDM400P's driver—WCTDM, so user don't need to understand much knowledge about wireless part. All the program run on TDM400P can be used on GSM400, it reduce users' difficulty of development.
- GSM400 support 4 channels, user can choose to insert wireless, FXO or FXS module to each channel.GSM 400P realize the integrate of Wireless(GSM or CDMA) and PSTN.

Following is some examples of intergrate.



1 channel GSM+1 channel FXO+2 channels FXS



2 channels GSM+1 channel FXO+1 channel FXS

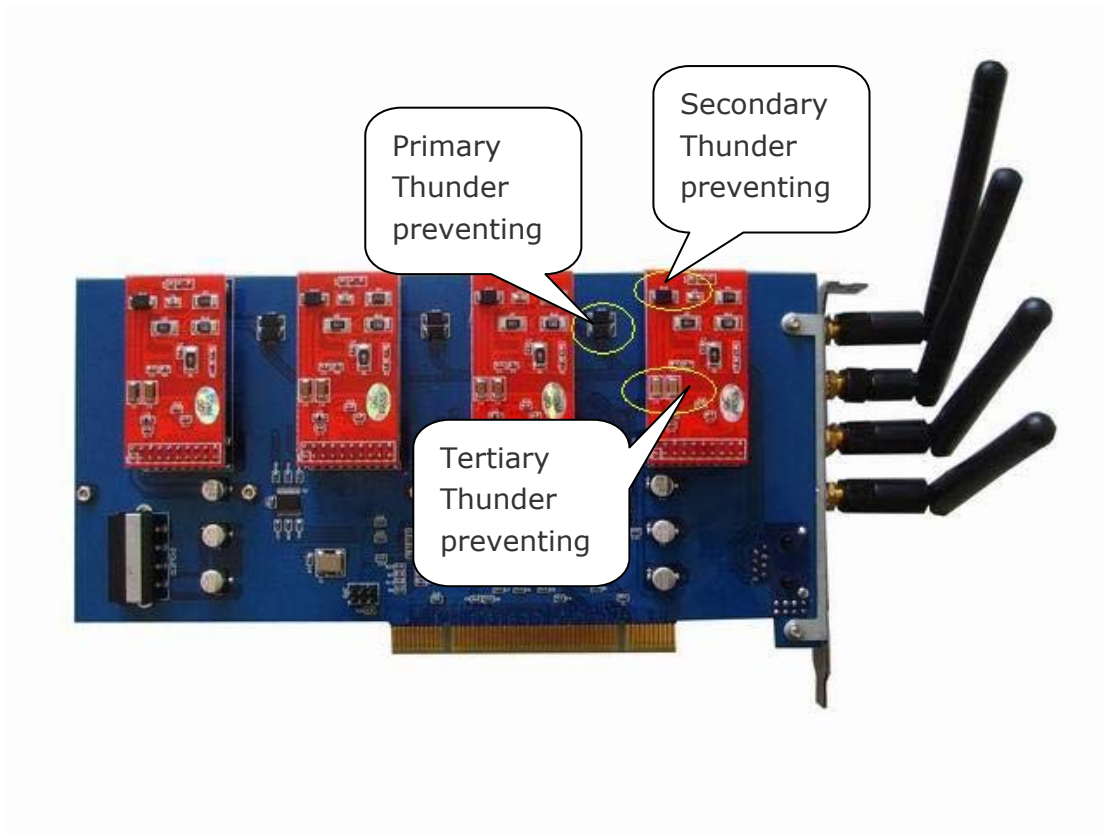


3 channel GSM +1 channel FXS

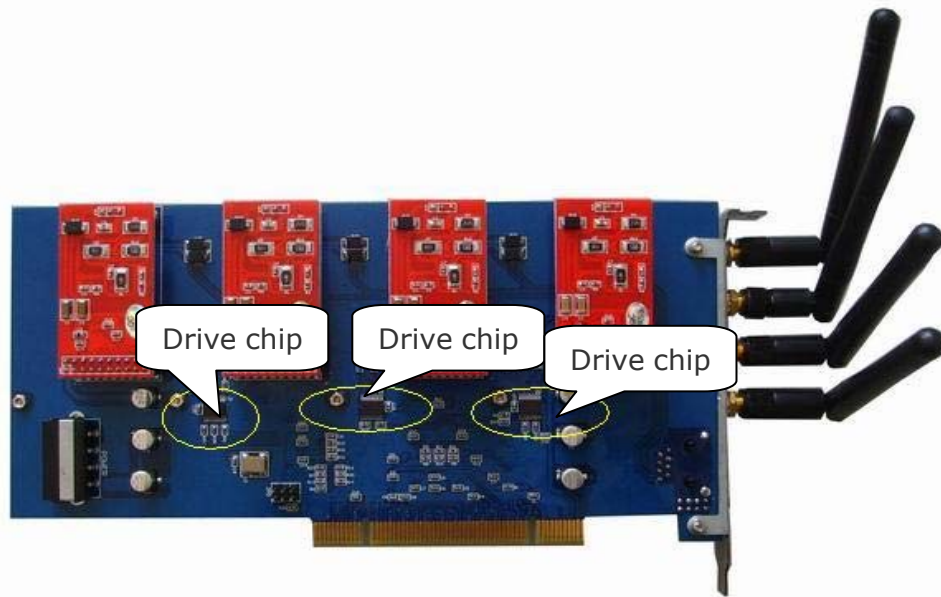


4 channel GSM

- High security: It adopt tertiary thunder preventing technology, can prevent the thunder and lightning from striking effectively.



- Super strong Anti-interference: All logic signals urge with the special-purpose drive chip, it make the card has super strong anti-interference. And support clock resume automatically. When the clock was interfered with the frequency deviation to happened by the external world to influence the communication, the system can reset to the clock automatically, resume normal communication.



- GSM400 can work in a PC with other asterisk cards, the driver will distribute the voice channels automatically.

Applications:

- GSM(CDMA)- VoIP gateway
- Mobile IP-PBX
- GSM(CDMA) Call back
- GSM(CDMA) wireless bypass system
- GSM(CDMA) wireless call centre.

Hardware and software requirements:

- Interface: PCI 2.2
- CPU 800+MHZ
- RAM 128+MB
- Linux kernel 2.4.x or 2.6.x

Size and Weight

- Size(L*W*H): 210*105*24MM
- Wight: 305g

The environmental instructions for using:

- Temperature Operation: 0 to 80°C
- Temperature Storage: -35°C to 120°C
- Humidity: 10% to 90% Non-condensing
- Voltage: 5V/12V
- Power Dissipation Mas: 7.83w/39.82w

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