The product is PCI network interface card with maximum 1000Mbps transmission rate, the IC-RTL8169S(B) is a master control unit with a 25MHz oscillator as base clock frequency, and the master function as follows:

- 1. To processing the communication data for input and output link
- 2. Link to external network terminal via RJ45 port and U6-pulse H5007
- 3. The power supply is 5V and 12V, and convert to DC 3.3V throught IC-U4, U10, U16 and so on.