

# **JetNet 5008G-P**

**8-port Managed Gigabit Ethernet Embedded Switch Board**  
(Hardware with 2 Relay Output)

## **Quick Installation Guide**

**V1.1**

**[www.korenix.com](http://www.korenix.com)**

## Introduction

In most of IPC systems, there is only equipped one Ethernet interface for network connection. But, one Ethernet interface is not enough to perform data exchange without extra Network device. Besides, IPC system also can't do Network performance management. For this requirement, more than one Ethernet and management function is need for IPC system.

But, from now and on, the JetNet 5008G-P can help you get more network ability in a short time and saving RD schedule and development cost by embedded JetNet5008G-P into your chassis.

The JetNet5008G-P is an 8-port Managed Gigabit Ethernet Switch Board with 2 Gigabit RJ-45/ SFP combo ports, 6 10/100TX ports and with one Gigabit RJ-45 port for your chassis inner link. With the JetNet 5008G-P, your system would obtain several of software functions, includes Network Redundancy, Rapid Spanning Tree, Quality of Service, SNMP, Web management functions.

## Hardware Installation

1. Unpack the box, you will find

- JetNet 5008G-P
- Quick Installation Guide
- CD User Manual



JetNet 5008G-P



QIG



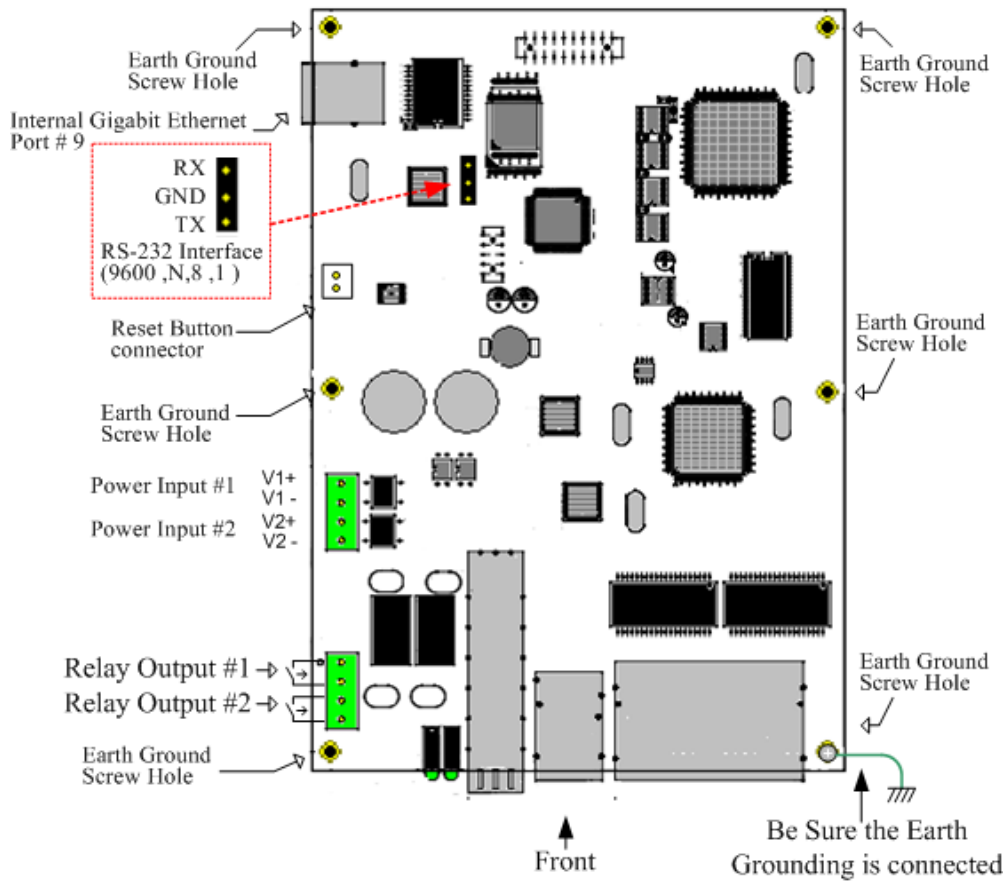
CD User Manual

2. Install the Embedded Gigabit Ethernet Switch Board

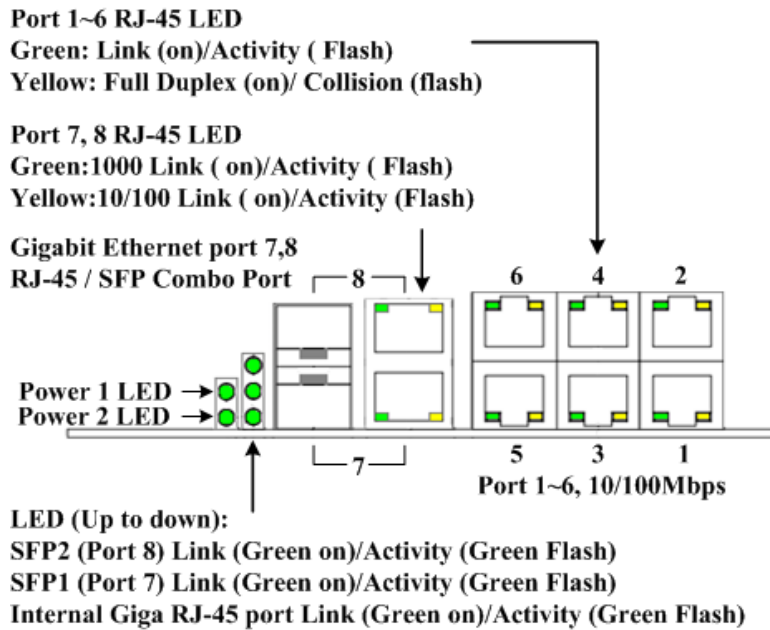
In the following diagram – JetNet 5008G-P bottom view, there are six screw holes are around on the PCBA with 4 mm diameter. We suggest use M3 screw to screw up JetNet 5008G-P onto your chassis panel. The screw hole also is the earth ground pad, be sure you have connect the earth-ground to ground pad.

The JetNet 5008G-P adopts one internal Gigabit Ethernet port for system inter-connection, one RS-232 connector for console management and one reset connector. It also adopts two four-pin terminal connectors for redundant power input with DC 12~48V input range, the other four-pin terminal connector is for alarm relay output with 1A @ DC 24V dry contact ability. Through the software configuration, it could be configured and acts as port event alarm relay, power event alarm relay and dry relay output or trigger-on additional device.

On the front view, there are six ports for 10/100TX with port status LEDs – link/activity (Green), full duplex/collision (Yellow) and 2 Gigabit Ethernet combo ports with SFP transceiver hot-swappable function, SFP fiber link first functions.



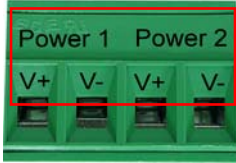
**JetNet 5008G-P Bottom**



**JetNet 5008G-P Front View**

### 3. Power the unit and connect to network

3.1 Connect the PWR1 / PWR2, and the unit will power on. PWR1 / PWR2 LED will turn Green and start blinking to show the unit is on booting and turn-on when system is ready.

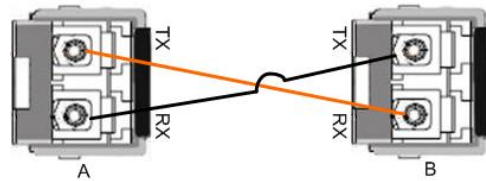
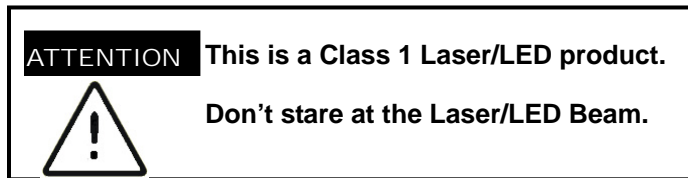


← Accept 12~24AWG wire. JetNet 5008G-P provides polarity reverse protection

3.2 Connect the 10/100M Ethernet Port: Connect the network nodes to the JetNet 5008G-P with 2/4-pair CAT5 UTP cable. The 10/100M interfaces support auto MDI/MDIX.

3.3 Connect the Gigabit TX of combo ports: Connect the network node to the JetNet 5008G-P with 4-pair CAT5 UTP cable. The Gigabit TX interfaces support auto MDI/MDIX as well.

3.4 Connect the SFP transceiver: Plug in SFP fiber transceiver. We recommend using Korenix certificated SFP mini GBIC transceiver. Cross-connect the transmit channel at each end to the receive channel at the opposite end as illustrated in the figure below.



3.5 Should you need to connect the Digital Input or Relay Output, please refer to the wiring method introduced in manual.

## Device Management

JetNet 5008G-P Industrial Managed Switch provides both in-band and out-band configuration methods. You can configure the switch via the RS232 console with the attached console cable. Or you can remotely manage the switch via network. You can choose Telnet/SSH, Web/HTTPS management.

1. Preparation for console management: Attach the RS-232 DB9 connector to your PC's COM port. Connect the female 3 pin header to the console pin of the JetNet 5008G-P.

1.1 Go to Start -> Program -> Accessories -> Communication -> Hyper Terminal

1.2 Give a name to the new console connection.

1.3 Choose the COM name, and select the correct serial settings. The serial settings of JetNet 5008G-P are as below:

Baud Rate: 9600 / Parity Check: None / Data Bit: 8 / Stop Bit: 1

1.4 After connected, you can see Switch login request. Type the username and password then you can login system. The default username is "admin", password is "admin".

1.5 Follow the manual to configure the software features.

2. Preparation for Web management: Before you attempt to use the embedded web interface to manage switch operation, verify that JetNet 5008G-P is properly installed on your network and that every PC on this network can access the switch via the web browser.

- 2.1 Launch the web browser (Internet Explorer or Mozilla Firefox) on the PC.
- 2.2 Type http://5008G\_IP\_Address (The default IP address is **192.168.10.1**.) then press **Enter**.
- 2.3 The login screen will appear next. Key in the user name and the password. The default user name and password is **admin/admin**.
- 2.4 Click **OK**, and then the welcome page of the web-based management interface will appear.
- 2.5 At the left column of the web management interface are the software feature, ring column will list the available settings.

System Name	ManagedSwitch
System Location	
System Contact	
System OID	1.3.6.1.4.1.24062.2.2.2
System Description	6+2G Industrial Managed Switch
Firmware Version	v2.0.16 20080310
Device MAC	00:12:77:ff:00:01

3. Should you need to manage the switch by Telnet/SSH, please refer to the chapter 3 of JetNet 5008G-P manual.

### Korenix Customer Service

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to answer your questions at any time.

Email address of Korenix Global Service Center: [KoreCARE@korenix.com](mailto:KoreCARE@korenix.com)