On the upper left corner, the MAC address of the eRIC II is displayed. To detect the MAC address manually, press the button "Refresh Devices". The displayed MAC address is the same MAC address printed on the white sticker placed on the back of the eRIC II. If the eRIC II is connected via USB, it is classified as an USB device and an appropriate drive letter is chosen for this device.
On the lower right corner of the window, there are two buttons: "Query Device" and "Setup Device". Press the "Query Device"button to display the preconfigured values of the network configuration. The values are displayed in the text fields located above. If necessary, adjust the network settings to your needs. To save the changes enter an user name and an according password. Then press the "Setup Device" button. To close the window and accept the changes, press the "OK" button, otherwise "Cancel".
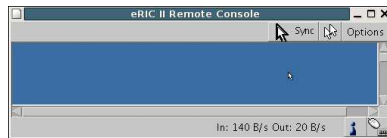
Web Interface
The eRIC II may be accessed using a standard Java enabled web browser. You may use the HTTP protocol or a secure encrypted connection via HTTPS. Just enter the configured IP address of the eRIC II into your web browser. The initial login settings are:

Login: *super*, Password: *pass*

Changing these settings to user specific values is strongly recommended and can be done on the User Settings page.
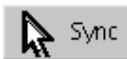
Remote Console
The Remote Console is the redirected screen, keyboard and mouse of the remote host system in which the eRIC II is installed. The web browser which is used for accessing the eRIC II has to supply a Java Runtime Environment version 1.1 or higher. However, we strongly recommend to install Sun JVM 1.4. The Remote Console will behave exactly the same way as if you were sitting directly in front of the screen of your remote system. That means that both the keyboard and mouse can be used in the usual way. Open the console by clicking the preview picture on the main site of the HTML frontend. The picture below shows the top of the Remote Console.

There are some options to choose from the menu, the important ones are the following:

Sync Mouse
Choose this option in order to synchronize the local with the remote mouse cursor. This is especially necessary when using accelerated mouse settings on the host system. In general, there is no need to change mouse settings on the host. ∗)

Video Settings in Options Menu
This opens a new window with elements to control the eRIC II Video Settings. You can change some values, for instance related to brightness and contrast of the picture displayed, which may improve the video quality.

∗) **Note:** At first start, if the local mouse pointer is not synchronized with the remote mouse pointer, press the Auto Adjust Button once.

eRIC II
Quick Start Guide

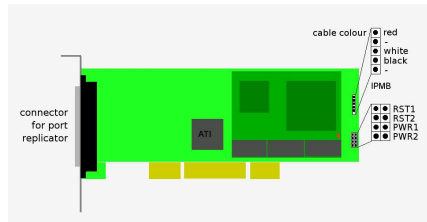Based on firmware 04.00.01
Last revision: 2nd February 2005

We do not ship a printed manual on default. For detailed information please refer to the electronic manual provided as PDF file on the enclosed CD ROM. If you like to obtain a printed version of the manual, do not hesitate to send an email to sales@peppercon.com in order to receive your printed copy.
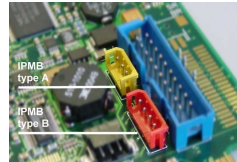
Mounting

Before mounting the eRIC II into your computer check the BIOS settings to make sure that the eRIC II will be recognized as the primary VGA card of the system. In case of an on-board VGA card, a typical setting in the BIOS shell is "Graphics adapter first", make sure the setting is either "Auto", "external", or "PCI" (depending on what your BIOS supports). If the eRIC II is not recognized as a primary VGA card, the local monitor connected to the eRIC II local video out will remain black, and the remote control function of the video screen will not work. Then, mount the eRIC II into a free PCI slot (33 or 66 MHz). Connect the internal cables:

There are two options to enable reset/power:

(a) IPMI over IPMB

If your system supports IPMI over IPMB, use the enclosed IPMB cable as seen on the left picture below. Connect the IPMB cable either to the three- or four-pin connector (if available) on the motherboard.
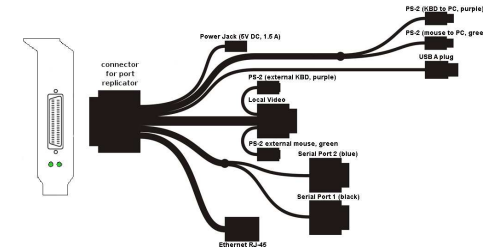

(b) If there are separate pins for the reset and power switch connectors on the motherboard, refer to the motherboard manual to find the right connectors for the front panel reset/power switch buttons:

1 Disconnect the reset cable from the motherboard and connect it to the connector RST1 of the eRIC II.

2 Connect the connector RST2 on the eRIC II using the enclosed reset cable (two wires, black/red) with the reset connector on the motherboard.

3 Disconnect the power switch cable from the motherboard and connect it to the connector PWR1 on the eRIC II.

4 Connect PWR2 on the eRIC II using the enclosed power switch cable (two wires, black/red) with the power switch on the motherboard.

In case your motherboard does not have single pins for reset and power switch buttons, you may use one of the front panel adapters which are offered. In case those adapters do not fit into your system or in case you need further assistance, contact the support via email to support@peppercon.com.

External Connectors

The PS/2 plugs (keyboard/mouse) are used to connect to the host's keyboard (purple) and mouse (green) PS/2 sockets. The PS/2 sockets (keyboard/mouse) are used to connect the local keyboard keyboard (purple) and mouse (green). The USB plug should be plugged into one of the host's USB connectors. The VGA socket attaches the server's local monitor to the eRIC II.

Initial Network Configuration

Initially, the eRIC II network interface is configured with the parameters shown here:

Parameter	IP auto configuration	IP address	Net mask	Gateway	IP access control
Value	DHCP	–	255.255.255.0	none	none

If this initial configuration does not meet your local requirements, adjust the values to your needs. You may either configure the eRIC II via serial interface, or use the setup tool. The setup tool requires a MS Windows NT based OS and can be found on the CD ROM delivered with this package. You can follow the procedure described below. For other OS you may either use the web frontend or configure the eRIC II via serial console.

Configuration via Serial Interface

Connect the enclosed Null Modem Cable to the serial interface with the black connector on the port replicator. The serial interface needs to be adjusted with the parameters shown here:

Parameter	Bits/second	Data bits	Parity	Stop bits	Flow Control
Value	115200	8	No	1	none

Use a terminal software (e.g. `hyperterm` or `minicom` to connect to the eRIC II. Reset the eRIC II, and immediately press the "ESC" key. You will see some device information, and a "=>" prompt. Enter the command "config", and press the "ENTER" key. Quite soon afterwards you are asked to adjust the IP auto configuration, the IP address, the net mask, and the default gateway. Pressing the "ENTER" key without entering values does not change settings. The gateway value has to be set to `0.0.0.0` (for no gateway) or any other value for the IP address of the gateway. After the confirmation the eRIC II performs a reset using the new values as set before.

Configuration via Setup Tool

Connect the eRIC II to your computer either via local network or via uSB. Start the setup tool from the enclosed CD ROM on the computer in which the eRIC II is installed. Depending on the connection (USB or network), the device detection is different.A window opens as seen below: