

Ethernet Software Configuration

This chapter describes how to configure the Ethernet Card to match your application requirements.

Ethernet Driver Installation Windows 98

To install the LAN Driver for Realtech 8139.C 10/100 Base Tx RJ-45 follow the directions listed below.

Click on the start button, select the setting button then select Control Panel from the list of icons. Double click on the ADD NEW HARDWARE icon in the control panel page. Follow the Set Up Wizard to install the LAN Driver.

When asked, DO YOU WANT WINDOWS TO SEARCH FOR YOUR NEW HARDWARE?

Select, No I want to select the hardware from a list. Choose the network adapter option from the ADD NEW HARDWARE WIZARD. Then click the have disk button followed by the browse button.

Place the Supporting CD-ROM into your CD-ROM drive. In the Select Device window, click on Have Disk, select "Browse" and find the LAN 8139C driver from:

cd-rom : \CD ROM\model name\driver\LAN driver\
win98\windows\Oemsetup.inf

"cd-rom" : the drive letter of your CD-ROM drive

"model name" : the model number of your product

and then click OK. The name of the LAN REALTECH 8139C driver will appear highlighted in the Modules list box. Select Realtech 8139C and Click OK. Click OK to start the driver installation.

Once the installation is complete, restart the system for the new settings to take effect.

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The onboard Ethernet interface supports all major network operating systems. I/O addresses and interrupts are easily configured via the Award BIOS Setup. To configure the medium type, to view the current configuration, or to run diagnostics, please refer to the following instruction:

1. Power the mainboard on. Ensure that the RSET8139.EXE file is located in the working drive.
2. At the prompt, type RSET8139.EXE and press <ENTER>. The Ethernet configuration program will then be displayed.
3. This simple screen shows all the available options for the Ethernet interface. Just highlight the option you wish to change by using the Up and DOWN keys. To change a selected item, press <ENTER>, and a screen will appear with the available options. Highlight your option and press <ENTER>. Each highlighted option has a helpful message guide displayed at the bottom of the screen for additional information.
4. After you have made your selections and the configuration is what you want, press <ESC>. A prompt will appear asking if you want to save the configuration. Press "Y" if you want to save.

The Ethernet Setup Menu also offers three very useful diagnostic functions. These are:

1. Run EEPROM test
2. Run Diagnostics on Board
3. Run Diagnostics on Network

Each option has its own display screen which shows the format and result of any diagnostic tests undertaken.