

- A. If the values associated with the default configuration or the other preassigned jumper setting conflicts with another board or computer function, set the jumper at W1 to SOFT and run the software setup program to select a workable configuration.
  - 1. Setup should be run before installing network software. If there is software already loaded, either remove the connecting lines in the CONFIG.SYS and AUTOEXEC.BAT files or rename those files and reboot the system.
  - 2. If a single adapter is to be installed, the setup program will find it automatically. If there is more than one adapter, you must tell the setup program which one to configure. Each Ethernet adapter can be identified by its 12-character node address (located on the NETWORK ADDRESS label attached to the adapter), or by its I/O base address.
  - 3. Software changes can be made without the jumpers at W1 or W2 being configured for SOFT. However, the values entered in the setup program will not take affect until the hardware change has been made.
  
- B. Use the software setup program to configure the adapter ONLY if:
  - 1. Neither of the two preconfigured W1 jumper settings are suitable because of conflicts with other devices,
  - 2. You are installing more than two adapters in the same computer, thus requiring more than two configurations, or
  - 3. You wish to configure twisted pair to disable link integrity.
  
- C. There are two methods to utilize the setup program.
  - 1. Interactive Method prompts you step by step.
    - A. Place software driver diskette in floppy drive and change to the prompt for that drive.
    - B. Type EZSETUP [enter] and follow the instructions.
  - 2. Command Line Method is used when you are familiar with the EZSETUP and want to skip the prompts. The command line consists of three components. The command, the adapter identification (required only when more than one adapter is installed), and the configuration parameters.
    - A. The adapter identification can be either the I/O base address or the node address.
    - B. The command for identifying the adapter using the node address is /node:x, where x is the adapter's 12-digit node address.
    - C. In the example below, the command EZSETUP starts the program, the adapter identification, if needed, tells the system which adapter to configure, and the remaining information specifies the parameters.

NOTE: If you omit a configuration parameter from the command line, the program uses the default. It will not retain

anything you have previously changed unless it is included in the command line.

Any combination of upper and lower case letters is valid.

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Example #	Command Lines
1	ezsetup /irq:5 /ram:C8000
2	ezsetup /io:240 /newio:280 /irq:5 /ram:C0000 /rom:D0000
3	ezsetup /node:0000C058A719 /ram:C8000

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Example #1 - there is only one adapter being used, so no ID is necessary. The IRQ was changed to 5 and the RAM to C8000.

#2 - the I/O was changed to 280, the IRQ to 5, the RAM to C0000, and the ROM to D0000.

#3 - shows how to specify a node address to select an adapter and change the RAM address to C8000.

To obtain a list of all valid commands, type: /?

COMMAND	DESCRIPTION
/?	Displays all setup program commands
/default	Forces the adapter to the following settings when the jumper is set to SOFT: I/O 240, IRQ 2, RAM CC000. This command produces the same result as /factory, except that IRQ is enabled.
/factory	Forces the adapter to the default, factory-set values for the SOFT jumper position: I/O 240, IRQ 2 (disabled), RAM CC000.
/io:x	Identifies the current I/O base address of the adapter you want to configure. 240 is the factory setting for the I/O at the SOFT jumper location.
/irq:x	Specifies the IRQ. Possible values are 2,3,4,5,7,10, 11, and 15.
/newio:x	Specifies a new I/O base address. Acceptable values are 200,220,240,260,280,2A0,2C0,2E0,300,320,340,360, 380,3A03C0, and 3E0 (hex).
/node:x	Identifies the node address of the adapter you want to configure. x is the 12-digit node address on the NETWORK ADDRESS label attached to the adapter. This is an alternative to using the /io command.
/ram:x	Specifies the RAM base address. x can be any 16K boundary 80000 - FC000. Ex. A0000. For RAM base above 1mg, the range is 100000 - FFC000.
/rom:x	Specifies the base address of the boot ROM. x can be 80000 - FC000. Note: the address must be on a boundary of the ROM size.
/romsize:x	Specifies the size of the ROM window in Kbytes. x can be 0 (disabled), 16,32, and 64.
/starlan10:x	Specifies whether StarLAN 10 mode is to be used. x can be y (yes) and n (no). If AUI,BNC, or UTP 10BaseT is to be used, set to NO. If UTP StarLAN 10 is used, set to YES.

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