

Andrew ISA IIA Token Ring Adapter Card Setup

Use this dialog box to configure settings for the Andrew ISA IIA Token Ring adapter card. For more information on this dialog box choose one of the following topics:

Adapter ID

Advanced Options

DMA Channel

I/O Base

IRQ Level

Maximum Frame Size

Node Address

Ring Speed

Transfer Mode

IRQ Level

Select an IRQ level for this adapter. The IRQ Level you select must not be used by any other sytem resources. IRQ 9 is the default.

I/O Base

Select an I/O Base address for this adapter. The I/O Base you specify must not be used by any other system resource. I/O 0x1A20 is the default.

DMA Channel

Select a DMA channel for this adapter. The DMA Channel you specify must not be used by other system resources. DMA Channel 7 is the default.

Ring Speed

Select the ring speed for this adapter card. The speed must match that of the network to which you are attaching. 16 Mbps is the default setting.

Transfer Mode

Select the transfer mode for this adapter. The default is Busmaster DMA. This transfer mode provides the best performance for the adapter. Select Programmed I/O if no DMA channels are available or if your system does not support Busmaster DMA cycles.

Maximum Frame Size

Maximum Frame Size is a decimal value that is the largest frame that may be sent or received. The default setting is 4096. The minimum value is 256.

The frame size may be increased to:

- 4472 bytes on a 4Mbps token-ring

- 17800 bytes on a 16Mbps token-ring.

Adapter ID

This option is used to uniquely identify this adapter in your system. This value must match the switch setting on the adapter. The default is ID 0, which corresponds to all SW1 switches in the OFF position. This value should only be changed if more than one Andrew ISA IIA token-ring adapter is installed in your system or if so directed by Andrew support personnel.

Advanced Options

These options permit modification to low level adapter parameters. No change should be made unless so directed by Andrew support personnel.

Node Address

This option specifies whether the adapter uses a Locally Administered Address or the IEEE assigned address contained in onboard ROM. The value of the Locally Administered Address must be in the range 400000000000 to 4000FFFFFFFF. The default is to use the address contained in ROM.

