NCR StarLAN 16/4 Token-Ring Adapter Setup

Use this dialog box to configure settings for the NCR StarLAN 16/4 Token-Ring Adapter.   For more information on this dialog box choose one of the following topics:

IRQ Level

IO Base

DMA

Ring Speed

Access Mode

Max Frame

Product ID

Network Address

Ring Speed

Select the ring speed for the NCR StarLAN 16/4 Token-Ring Adapter.   The speed must match that of the network to which you are attaching.   The default setting is 16 Mbps.

Product ID

Select the 36 hexadecimal value to be used as the product identifier.   The default value is 0910F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0.

Max Frame

Max Frame is a decimal value representing the largest size 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.

IO Base

Select an IO Base for the NCR StarLAN 16/4 Token-Ring Adapter.   The default setting is 0A20.

DMA 32 Bit Addresses

Selection of this option indicates that the system hardware supports DMA operations to or from addresses above sixteen megabytes.   This item should be checked unless hardware DMA support does not exist and the system has more than sixteen megabytes of memory installed. The default is on.

DMA

Select a DMA channel for the NCR StarLAN 16/4 Token-Ring Adapter.   The default setting is 7.

ADF

Hardware options such as IRQ, I/O Base and DMA arbitration level are configured via the Reference Diskette.   Please see the instructions on the Reference DIskette.

Access Mode

Select the access mode for the NCR StarLAN 16/4 Token-Ring Adapter.   If no DMA channels are available, select DIO.   DMA is the default setting.

Slot Number

Select the slot number in which the NCR StarLAN 16/4 Token-Ring Adapter is installed.   There is no default value.

IRQ Level

Select an interrupt level for the NCR StarLAN 16/4 Token-Ring Adapter.   IRQ3 is the default setting.   If you have two COM ports (COM1 = IRQ4   and COM2 = IRQ3), do not set the NCR StarLAN 16/4 Token-Ring Adapter to IRQ3.   IRQ9 is a good alternative.

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Slot Number

Max Frame

Product ID

DMA 32 Bit Addresses

ADF

Network Address

Network Address

Select 12 hexadecimal digits between 400000000000 and 40007FFFFFFF to be used as a Locally Administered Address.   If a value is entered, it will replace the burned in address on the NCR StarLAN 16/4 Token-Ring Adapter as the local node address.   Each adapter on the network must have a unique network address.   The default value is the burned in address on the NCR StarLAN 16/4 Token-Ring Adapter.