DCA IRMAtrac Driver for Windows NT

The following is a list of options available for DCA IRMAtrac token-ring adapters.

Options

BURST   size

Chooses the burst size--2, 4, 6, 8, 10, 12, or DEFAULT. Change this option only if you receive an error while trying to read a diskette or tape in a floppy drive or tape drive. If an error is displayed, change the burst size to 10. If the error persists, reduce the burst size until the error stops. Default: DEFAULT.

Receive list

Chooses the number of receive buffers in the IRMAtrac driver's Receive Buffer Pool--2 to 32. Default: 16.

Xmit list

Chooses the number of internal queue entries for outstanding transmits--1 to 64. This option is required for the MAC to support more than one transmit simultaneously. Default: 64.

IRQ level

Chooses the interrupt level--2, 3, 4, 5, 6, 7, 10, or 11. Each adapter in your PC should have a unique interrupt level. Default: 3.

I/O address

Chooses the I/O address. In an ISA PC, your choice must match the switch settings on the IRMAtrac adapter. Default: 0A20.

DMA channel

Chooses the DMA channel--3, 5, 6, or 7. Each adapter in your PC requires a unique DMA channel.

Network address

Sets the locally administered address--400000000000 to 47FFFFFFFFFF. This 12-digit hexadecimal value overrides the universal address. Default: 000000000000 (universal address).

Early release

Sets the early release option for 16 Mbps LANs.

ON   Enables the early release option.

OFF   Disables the early release option.

Ring speed

Chooses IRMAtrac's operating speed. This option applies only if you have the 4/16 software-selectable RIM attached to IRMAtrac.

4 Mbps   Sets IRMAtrac's operating speed to 4 Mbps.

16 Mbps   Sets IRMAtrac's operating speed to 16 Mbps.

Cable type

Choose the type of token-ring cable to which the IRMAtrac adapter will connect. This option applies only if you have the 4/16 software-selectable RIM attached to IRMAtrac.

UTP   Sets the adapter to connect to UTP cable.

STP   Sets the adapter to connect to STP cable.