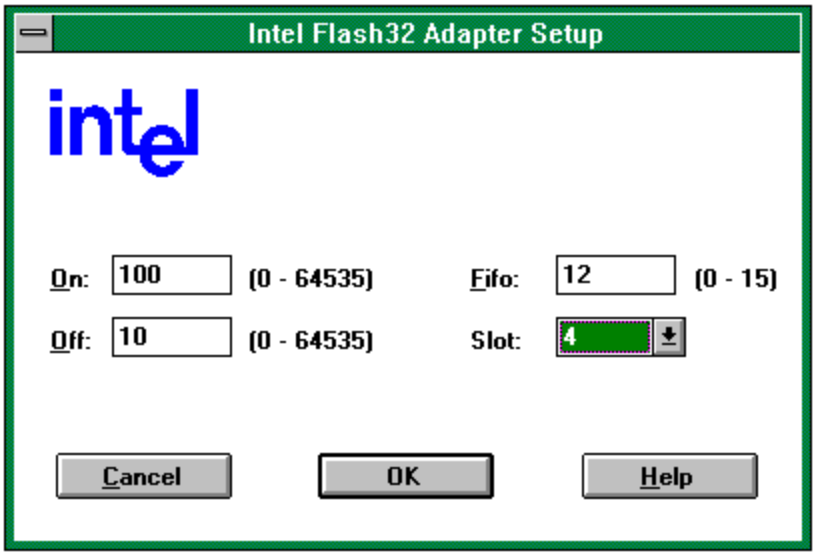
EtherExpress (tm) Flash32 Help

There are a few options which may be set by the user in order to increase functionality for the Intel EtherExpress (tm) Flash32 network adapter card. Click on dialog box below for help on using these parameters to configure your Flash32 adapter.



FIFO parameter:

Recomended setting: FIFO=12

This parameter defines the threshold for requesting bus access. For systems with high bus latency, this setting should be increased. For systems with very low latency, this setting may be reduced. For best performance, this should be set as low as possible without causing DMA over/underruns.

ON parameter:

Recommended Setting: ON=100

The ON parameter limits the number of clock cycles the EtherExpress (tm) Flash32 adapter will hold the bus for data transfers. For best performance, this setting should be high enough for the Transmit FIFO, to be filled, or the Receive FIFO emptied in a single bus access. The default setting for this parameter is 10 to insure wider compatability.
(some EISA systems choke with ON = 100)

OFF parameter:

Recommended Setting: OFF=10

This parameter is the minimum number of clock cycles the EtherExpress (tm) Flash32 adapter card will remain off the bus between data transfers. For best performance, this setting should be set to a minimum, thus allowing the Flash32 access as needed.

SLOT parameter

Note - This Parameter is not available for the user to configure if:

1) **The Setup program did not detect any Flash32 Adapter Cards.**
2) **The Setup program detected only one Flash32 Adapter. In this case, Setup will automatically configure the driver to use the slot at which the adapter was detected.**

The Custom FL32 Setup programme will fill this list in with the slots at which adapters were detected. Select from this list the adapter to which you wish the driver attached. If installing multiple adapters, each adapter must be configured separately. Note that in order for the Setup utility to properly detect the adapter, it must first be configured via the EISA configuration utility for your system.

Click on the OK button to input the currently selected parameter choices.

Click on the CANCEL button to abort the current configuration / installation.

The HELP button evokes this groovy help file.