ACL/Avanstar Help

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Driver Version

ACL/Avanstar Device Driver Version 1.12

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Board Type

This option displays a list of ACL/Avanstar Adapters which may be installed.
Up to four ACL/Avanstar Adapters may be installed.

I/O Base Address

On **ISA bus Adapters** :
  This is used to identify the starting address of the ACL/Avanstar Adapter's I/O Base Address.This value must match the Adapter card's DIP switch setting. Each board must have a unique I/O base address, which must not be used by any other device in the system, including other ACL/Avanstar Adapters.

On **EISA bus Adapters** :
  This is used to identify the Slot number in which the ACL/Avanstar Adapter is installed.

On **Micro Channel bus Adapters** :
  This option is not available.

Slot Number

On **ISA bus Adapters** and **EISA bus Adapters**:
  This is option is not available.

On **Micro Channel bus Adapters** :
  This is used to identify the Slot number in which the ACL/Avanstar
    Adapter is installed.

IRQ Level

This is used to identify the Interrupt Request line that the board will use to get the computer's attention when it has data available or otherwise needs servicing. The IRQ Number may be shared between ACL/Avanstar Adapters of the same bus type but may not be shared with other devices.

On **ISA bus Adapters** :
  This value must match the switch setting on the Adapter card.

On **EISA bus Adapters** and **Micro Channel bus Adapters** :
 The IRQ Number is configured using the Adapter's reference diskette, this option is not configured at this level.

Dual Port Address

The ACL/Avanstar Adapters dual ported memory is mapped to the computer's memory address space beginning with the address this option selects. The dual ported memory address range selected must be free of conflicts from other devices. The dual ported RAM is used by the device driver to pass data to and from the Adapter and the system bus.

On **ISA bus Adapters** :
  This is used to select the starting address of the dual ported memory.

On **EISA bus Adapters** and **Micro Channel bus Adapters** :
  The IRQ Number is configured using the Adapter's reference diskette,
    this option is not configured at this level.

Dual Port Size

The size in KBytes of the ACL/Avanstar Adapter's dual ported memory area. This value must match the size of the dual ported memory on the Adapter card. Typically this is 16Kb.

On **ISA bus Adapters** :
  This is used to select the size of the dual ported memory.

On **EISA bus Adapters** and **Micro Channel bus Adapters** :
  This value is automatically configured.

Number Of Ports

The number of communications ports available on the Adapter. This value should match the number of ports present on the Adapter card's Control Panel.

On **ACL** type Adapters this will be either 4 or 8.

On **Avanstar** type Adapters this will be either 8 or 16.

Ports

Configures the Adapter's communications ports.

- Port Mapping

- Port Name

- Apply

- Automatically Enumerate Ports

- EIA-422

- EIA-485 Enable

- EIA-486 No Listen

A list showing the mapping of the **Port Numbers** to the **Port Names**.

The **Port Name** mapping of the currently highlighted **Port Number**. This value is configurable.

Use the value entered in **Port Name** option to update the **Port Mapping** list.

Determine how **Apply** updates the **Port Mapping** list. If **Automatically Enumerate Ports** is not set, only the highlighted **Port Number** is updated. If it is set, all subsequent **Port Numbers** are mapped to the next **Port Name** in the arithmetic sequence.

On **Avanstar** Adapters equipped with the **EIA-422** configurable external connection panel, this sets the Port to use the **EIA-422** communications interface instead of the **EIA-232** interface.

On **ACL** Adapters equipped with the **EIA-485** external connection panels, this sets the Port to use the **EIA-485** communications interface.

On **ACL** Adapters equipped with the **EIA-485** external connection panel, this sets the Port to disable the receiver before it begins transmitting data and re-enable the receiver when it completes transmitting data.
Setting this option causes the **EIA-485 Enable** option to be enabled.