

RocketPort® and RocketPort RA Series

Setting the DIP Switch Reference

Setting the DIP Switch

The following table is provided for you in cases where you did not receive device driver documentation or for your reference. The device driver documentation provides controller installation procedures and advises you how to set the DIP switch.

To prepare your controller for installation, you may need to set the I/O address DIP switch. The default I/O address range is 180 through 1C3.

For the first controller, select a 68-byte I/O address range. For subsequent controllers, select a 64-byte range.

RocketPort controllers use I/O address ranges at 400 hexadecimal (hex) intervals above the I/O range. Most peripherals use I/O address ranges between 0 and 3FF hex. If you have peripherals installed above 400h, you may experience an I/O conflict. The first controller determines the settings for additional controllers.

Controller #1 I/O Address Range	DIP Switch Settings (Controller #1 determines the other controller settings.)	
100 - 143 hex	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>
140 - 183 hex	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>
180 - 1C3 hex (Default)	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>

Controller #1 I/O Address Range	DIP Switch Settings (Controller #1 determines the other controller settings.)	
200 - 243 hex	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>
280 - 2C3 hex	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>
300 - 343 hex	<p>Controller #1 NO</p>	<p>Controller #2 NO</p>
	<p>Controller #3 NO</p>	<p>Controller #4 NO</p>

Installing the Controller

After you set the I/O DIP switch, you are ready to install the controller. Use the following steps to install the controller:

1. Turn the power switch for the system unit to the OFF position.
2. Remove the system unit cover.
3. Select a slot to install the controller.
4. Remove the expansion slot cover.
5. Insert the controller in the expansion slot, make sure that it is properly seated.
6. Attach the controller to the chassis with the expansion slot screw.
7. Replace the cover on the system unit.

If connecting a system with an interface box:

- a. Attach the male end of the RocketPort or RocketPort RA cable to the controller and the female end to the connector on the interface box labeled *Host*.

Note: *If you have a RocketPort 32 or RocketPort RA32, the connector labelled J1 corresponds to ports 0 through 15 on the interface box and the connector labeled J2 (closest to the bus) corresponds to ports 16 through 31.*

- b. Connect the peripherals to the interface box.

If connecting a system with an Octacable:

- a. Attach the male end of the Octacable to the controller.
- b. Connect the Octacable to the peripherals.

Note: *If you need pinout information, see the Hardware Reference Card that came with your controller.*

Contacting Control

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BBS (for device driver updates): (612) 631-8310

Note: *The BBS supports modem speeds up to 28.8 Kbps with 8 bits and no parity.*

Toll free: (800) 926-6876

Phone: (612) 631-7654

Control Europe:

BBS: +44 (0) 1* 869-243-687

Note: *The BBS supports modem speeds up to 14.4 Kbps with 8 bits and no parity.*

FAX: +44 (0) 1* 869-323-211

Phone: +44 (0) 1* 869-323-220

* *Dependent upon the telephone carrier until April 16, 1995.*

Control has a staff of hardware and software engineers, technicians, and managers available for help.

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