

How to change RocketPort Infinity/Express port settings from the command line.

1. Run the Windows Command Prompt at an elevated level by right clicking the icon and select "Run as Administrator".
2. Change directory to C:\Program Files (x86)\Control\RocketPort Express Infinity
3. Run **rp2configutil help** to display command options. In this example, to illustrate the format, the following will be to change the RS mode (RS232/422/485). The areas of interest are highlighted.

```
C:\Program Files (x86)\Control\RocketPort EXPRESS INFINITY>rp2configutil help
rp2configutil help [get|set|enum]:
USAGE:
rp2configutil set <board device> <[-name][-start][-verbose]>
-name                Board display name.
                       e.g. -name="RP Infinite #1".
-start              Starting COM port.
                       e.g. -start=COM3.
                       The value must be less than COM1024.
-verbose=<on|off>   Verbose event log.

rp2configutil set <port device> <<[-RSmode][-baudrate][-timeout][-CD]
                       [-stopbits][-wait][-ring][-blockpnp][-fast]
                       [-default][-allports]
-portname          Change port name.
                       e.g. -portname="COM#".
-RSmode=< 232|422|485 2W|485 4W|485 4WS>   Set RS mode.
The following options are only available for RSmode=<485_2W|485_4W|485_4WS>.
-toggle=<on|off>   Override and lock to RS-485 toggle mode.
-low=<on|off>     RS-485 toggle RTS low.
-baudrate=<None|Enter any valid baud rate>   Override and lock baud rate
                                                to the fixed value.
-timeout=<0|1|6|30|60|240>   Timeout on transmit data on port close <sec>.
-CD=<on|off>        Map CD to DSR.
-stopbits=<on|off>    Map 2 stop bits to 1.
-wait=<on|off>      Wait on physical transmission before completing write.
-ring=<on|off>     Emulate modem hardware RING signal.
-blockpnp=<on|off>  Block PnP search for attached serial device.
-fast=<on|off>     Use fast <low latency> data transfer.
-default          Reset all settings of the port to default values
                   <RSmode=232, baudrate=None, timeout=0, CD=off,
                   stopbits=off, wait=off, ring=off, blockpnp=off,
                   fast=off, toggle=off, low=off>.
                   This option <-default> cannot be accompanied by any
                   other option that is listed above.
-allports        Apply the settings to all ports.

USAGE:
rp2configutil get <device>

Display the current settings of the board/port.

USAGE:
rp2configutil enum

Enumerate all available RocketPort Infinity/Express devices.
```

4. To get the port number for a specific card, run **rp2configutil enum** (see below)

```

C:\Program Files (x86)\Control\RocketPort EXPRESS INFINITY>rp2configutil enum
=====
RocketPort Infinity 8 Port
Device name : pci#ven_11fe&dev_0042&subsys_004211fe&rev_00#4&1af465a6&0&38a4#<50906cb8-ba12-11d1-bf5d-000f805f530>
Display name : RP Infinity #1
Control RocketPort Unity Port 00 COM19
Control RocketPort Unity Port 01 COM20
Control RocketPort Unity Port 02 COM21
Control RocketPort Unity Port 03 COM22
Control RocketPort Unity Port 04 COM23
Control RocketPort Unity Port 05 COM24
Control RocketPort Unity Port 06 COM25
Control RocketPort Unity Port 07 COM26
=====
RocketPort Infinity 8 Port
Device name : pci#ven_11fe&dev_0068&subsys_006811fe&rev_00#5&206b56d1&0&00050#<50906cb8-ba12-11d1-bf5d-000f805f530>
Display name : RP Infinity #1
Control RocketPort Unity Port 00 COM27
Control RocketPort Unity Port 01 COM28
Control RocketPort Unity Port 02 COM29
Control RocketPort Unity Port 03 COM30
Control RocketPort Unity Port 04 COM31
Control RocketPort Unity Port 05 COM32
Control RocketPort Unity Port 06 COM33
Control RocketPort Unity Port 07 COM34

```

- Assuming COM19 is to be changed, the command to do so is: **rp2configutil set com19 -rsmode="422"**. If the command was successful, a message "Setting is changed" will appear. Be sure to verify with the Control RocketPort Driver Management Console to verify.

```

C:\Program Files (x86)\Control\RocketPort EXPRESS INFINITY>rp2configutil enum
=====
RocketPort Infinity 8 Port
Device name : pci#ven_11fe&dev_0042&subsys_004211fe&rev_00#4&1af465a6&0&38a4#<50906cb8-ba12-11d1-bf5d-000f805f530>
Display name : RP Infinity #1
Control RocketPort Unity Port 00 COM19
Control RocketPort Unity Port 01 COM20
Control RocketPort Unity Port 02 COM21
Control RocketPort Unity Port 03 COM22
Control RocketPort Unity Port 04 COM23
Control RocketPort Unity Port 05 COM24
Control RocketPort Unity Port 06 COM25
Control RocketPort Unity Port 07 COM26
=====
RocketPort Infinity 8 Port
Device name : pci#ven_11fe&dev_0068&subsys_006811fe&rev_00#5&206b56d1&0&00050#<50906cb8-ba12-11d1-bf5d-000f805f530>
Display name : RP Infinity #1
Control RocketPort Unity Port 00 COM27
Control RocketPort Unity Port 01 COM28
Control RocketPort Unity Port 02 COM29
Control RocketPort Unity Port 03 COM30
Control RocketPort Unity Port 04 COM31
Control RocketPort Unity Port 05 COM32
Control RocketPort Unity Port 06 COM33
Control RocketPort Unity Port 07 COM34
C:\Program Files (x86)\Control\RocketPort EXPRESS INFINITY>rp2configutil set com19 -rsmode="422"
Setting is changed.

```