Pico Lifting Step
Data Serial Transfers

11/07/21

"sudo minicon -s"

Scroll down to "Serial port setup"

Depress Enter

Configure ttyUSB0

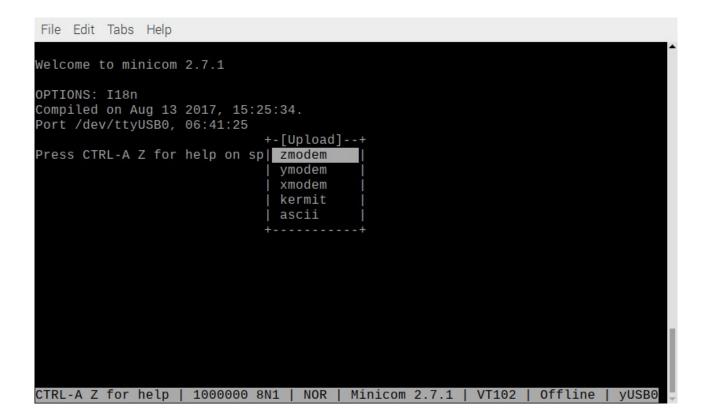
Depress Enter

Scroll down to "Exit"

Depress Enter

The file "r.bin" will be sent. The file needs to be in /root folder.

Depress "ctrl A S"

Scroll down to ascii.

Depress Enter

```
File  Edit  Tabs  Help

We+----------------------[Select a file for upload]----------------------+
   |Directory: /root                                                      |
OP| ▮[..]                                                                 |
Co| [.cache]                                                              |
Po| [.config]                                                            |
 | [.local]                                                              |
Pr| [.ssh]                                                                |
 | [.vnc]                                                                |
 | .bash_history                                                         |
 | .bash_history-01185.tmp                                               |
 | .bashrc                                                               |
 | .lesshst                                                              |
 | .profile                                                              |
 | dead.letter                                                          |
 | minicom.log                                                          |
 | myfilt.bin                                                            |
 | mysig.bin                                                            |
 |              ( Escape to exit, Space to tag )                        |
 +----------------------------------------------------------------------+

              [Goto]  [Prev]  [Show]   [Tag]  [Untag] [Okay]

CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

scroll down to "r.bin"

```
File  Edit  Tabs  Help

We+----------------------[Select a file for upload]----------------------+
   |Directory: /root                                                      |
OP| [.ssh]                                                                |
Co| [.vnc]                                                                |
Po| .bash_history                                                         |
 | .bash_history-01185.tmp                                               |
Pr| .bashrc                                                               |
 | .lesshst                                                              |
 | .profile                                                              |
 | dead.letter                                                          |
 | minicom.log                                                          |
 | myfilt.bin                                                            |
 | mysig.bin                                                            |
 | r.bin                                                                |
 | raster-b.img                                                         |
 | raster-b.img.gz                                                      |
 | ultibo.img                                                           |
 |              ( Escape to exit, Space to tag )                        |
 +----------------------------------------------------------------------+

              [Goto]  [Prev]  [Show]   [Tag]  [Untag] [Okay]

CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

Depress Enter. The transfer will begin.

```
File  Edit  Tabs  Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25
         +-----------[ascii upload - Press CTRL-C to quit]-----------+
Press CTR|ASCII upload of "r.bin"                                     |
         |                                                            |
         |2300.2 Kbytes transferred at 102410 CPS█                    |
         |                                                            |
         |                                                            |
         |                                                            |
         |                                                            |
         |                                                            |
         +------------------------------------------------------------+




CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

When the file is sent.

```
File  Edit  Tabs  Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25
         +-----------[ascii upload - Press CTRL-C to quit]-----------+
Press CTR|ASCII upload of "r.bin"                                     |
         |                                                            |
         |16384.0 Kbytes transferred at 99864 CPS... Done.            |
         |                                                            |
         | READY: press any key to continue...█                       |
         |                                                            |
         |                                                            |
         +------------------------------------------------------------+




CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```