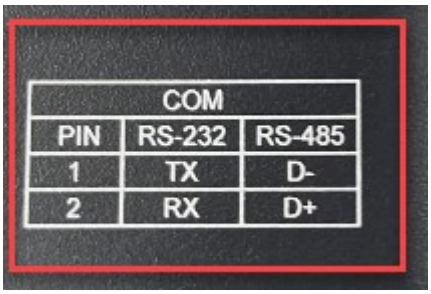
LAN 1 DHCP
LAN 2 10.0.0.1

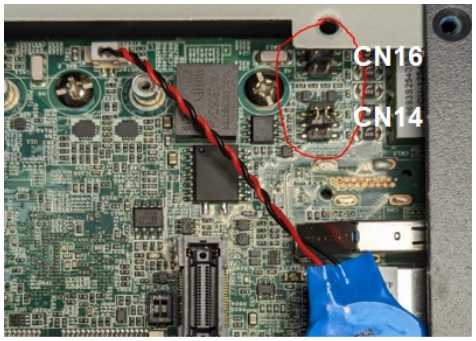
COM1 - /dev/ttyAP0
COM2 - /dev/ttyAP1

ESU-150 kommer som standard uten uten passord på root bruker.
Kjør **passwd** for å sette nytt passord.

Serieporter

Tilkobling:





Serieporter satt til RS-232 (CN16 øverst og CN14 nederst)

Serieporter RS-232/485 jumpers

CN14	COM1 RS-232		COM1 RS-485	
CN16	COM2 RS-232		COM2 RS-485	

ECU-150 kommer som standard satt opp som RS-485

Debug port (USB micro)

RS-232 115200- 8N1

Teste Serieporter med «advcomtest»

Sende data på COM1

advcomtest -s /dev/ttyAP0 9600 'test'

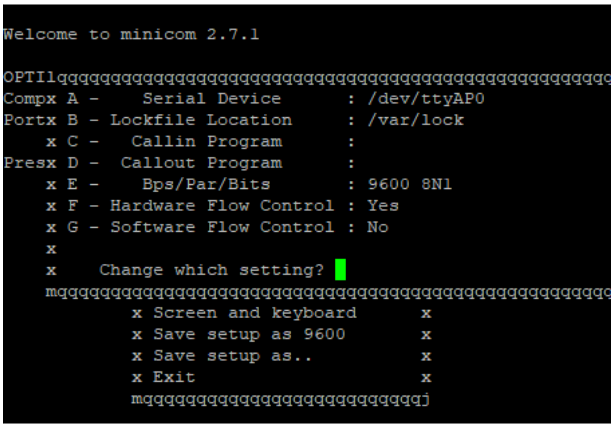
Lese data på COM2

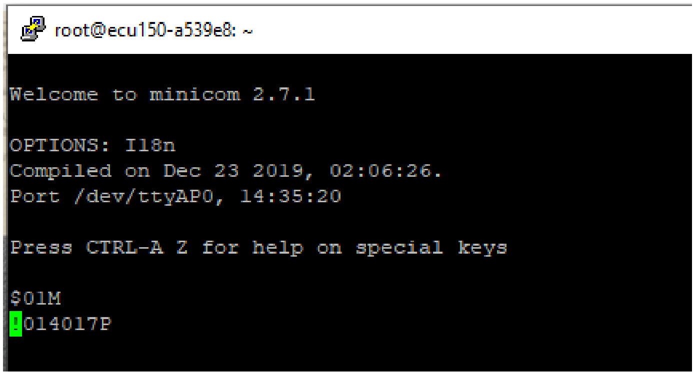
advcomtest -r /dev/ttyAP1 9600

Merk: advcomtest, har problemer med tilkobling til annen hardware. Bruk minicom til annet testing.

Teste Serieporter med Minicom

RS-485 opp mot ADAM-4017 (ASCII) Start Minicom med «minicom -s», Ctr + a -> o for å åpne meny





Python eksempelkode

Using the pymodbus libary to read coil 0-1, then setting coil 1 to True, and then do anoter reading

```
#Using the pymodbus libary to read coil 0-1, then setting coil 1 to True, and then do anoter reading

from pymodbus.client import ModbusSerialClient
from pymodbus.transaction import ModbusRtuFramer

# Create a Modbus RTU client
client = ModbusSerialClient(method='rtu',
    port='/dev/ttyAP0',
    baudrate=9600,
    stopbits=1,
    bytesize=8,
    parity='N',
    framer=ModbusRtuFramer)

# Connect to the Modbus RTU slave
client.connect()

# Define the slave address
slave_address = 1

# read current coil states
r = client.read_coils(0,4,1)
print(r.bits)

# write to coil 1 the value 1
client.write_coil(1,True,1)

# reread the coil states
r = client.read_coils(0,4,1)
print(r.bits)
```