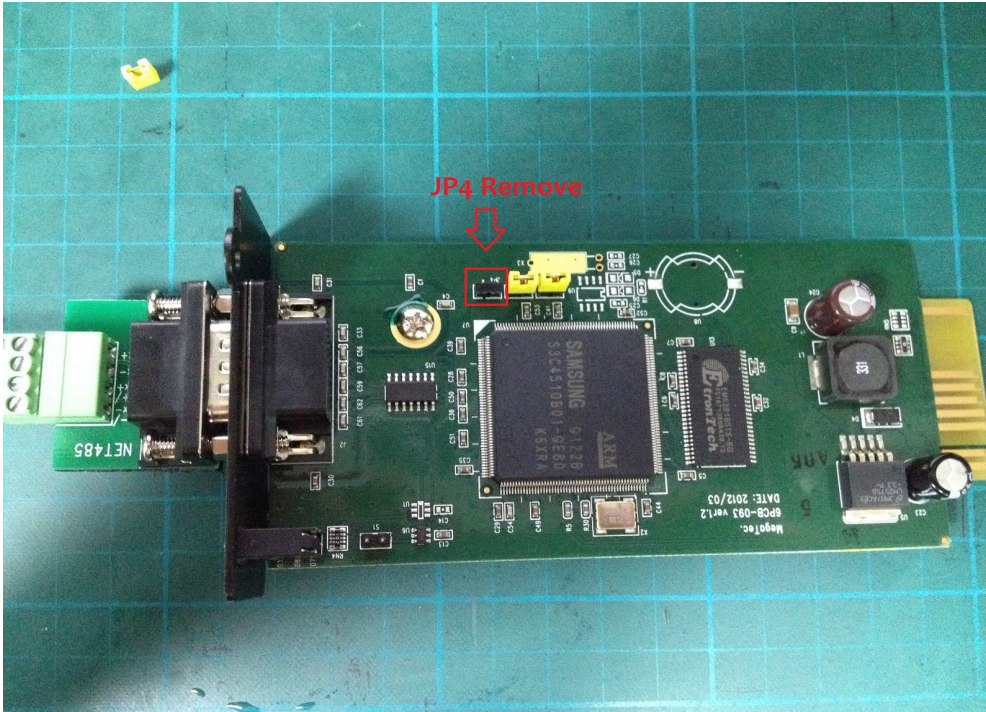


# **NET485 – Modbus Card Setup**

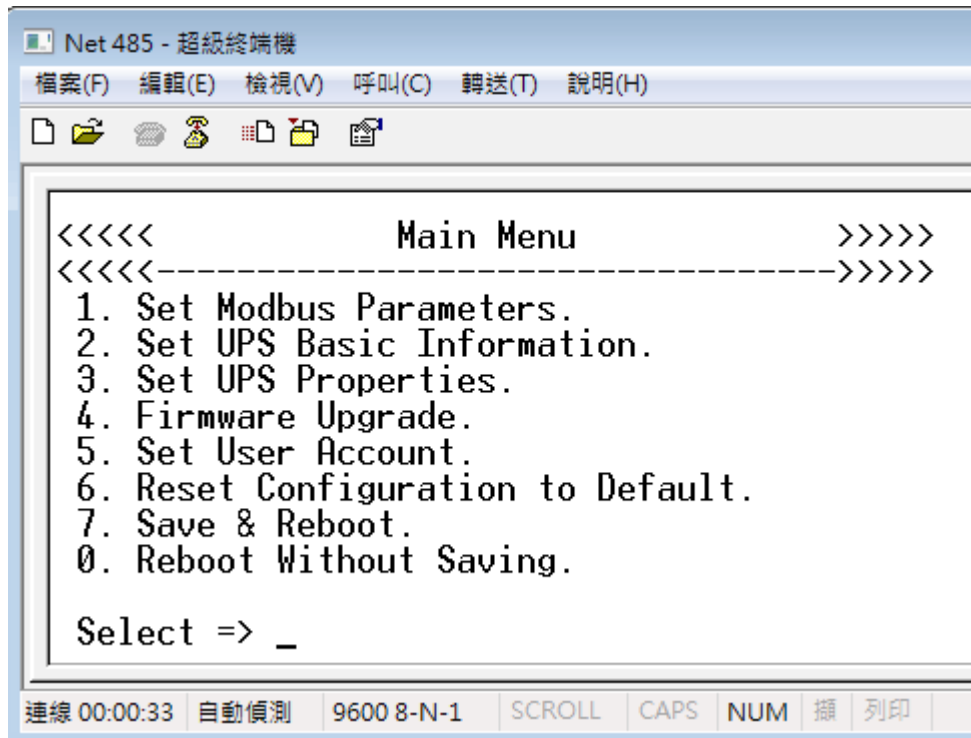
**Step 1 : Remove JP4 from the board**



**Step 2 :** Computer >> Hyperterminal >> COM Port >> NET485

==> Computer's serial port connect to NET485 directly (*not RS485*)

==> Hyperterminal >> Configuration >> **9600 : 8 : None : 1 : None**

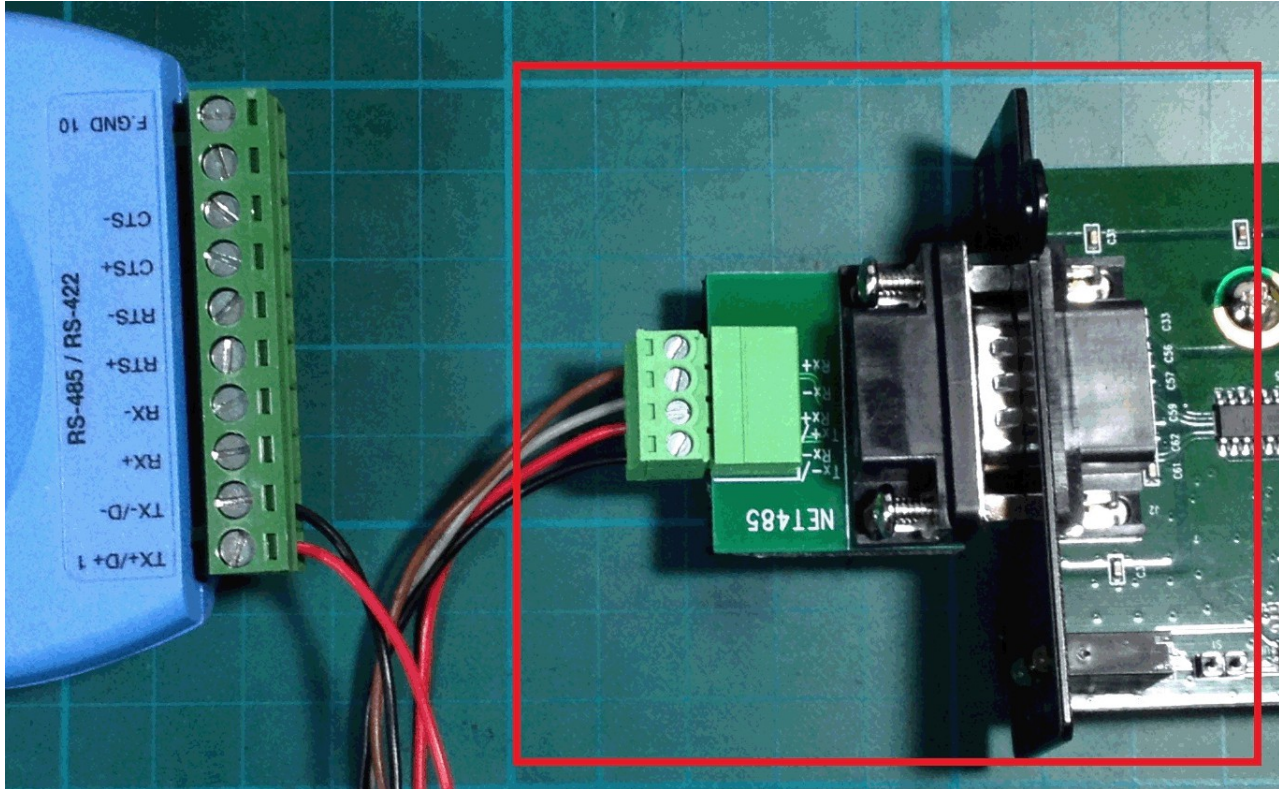


Select => **1**

- Address = 1
- RTU mode
- Baud Rate = **9600**
- **RS485**
- **Half Duplex**
- **Normal Mode**
- **Save and Reboot**

**Step 3 :** Replug on JP4

**Step 4 :** Computer >> USB-to-RS485 Connector >> NET485



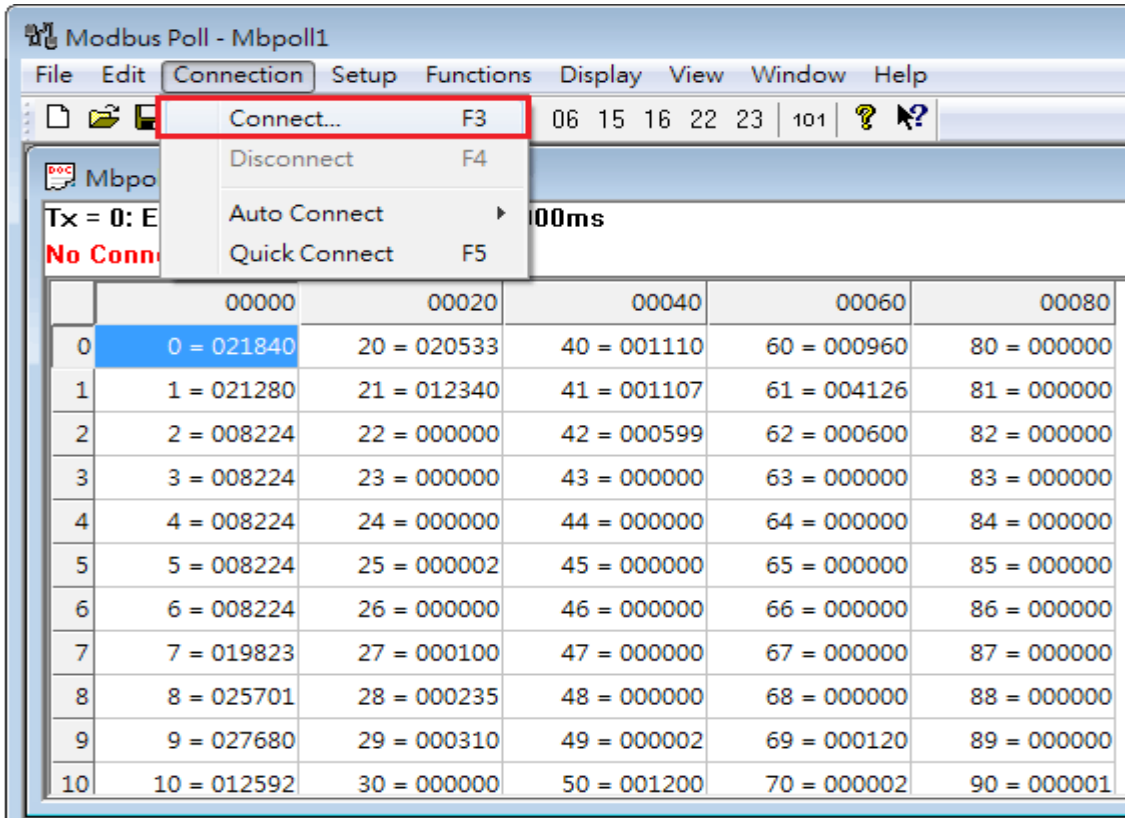
NET485-TX- connect Converter-TX-

NET485-TX+ connect Converter-TX+



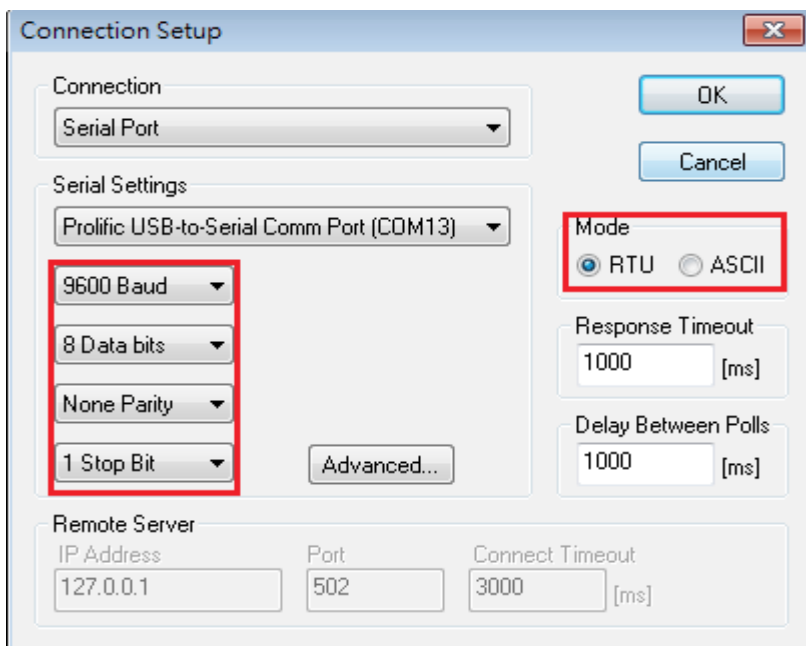
**Step 5 : Start application : Modbus Poll**

==> Connection->Connect...

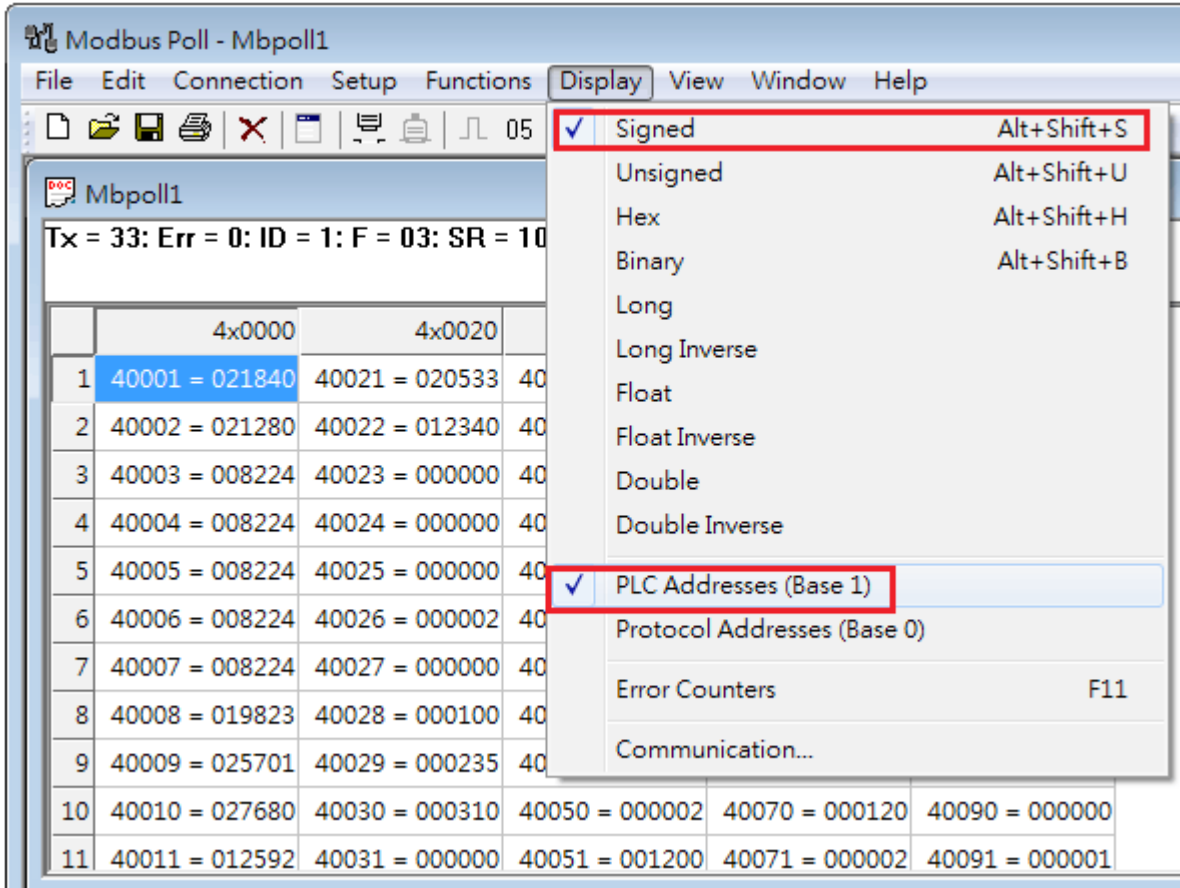


==> 9600 / N / 8 / 1

==> Mode RTU



Display ==> Signed+PLC Address(Base 1)



The screenshot shows the Modbus Poll application window. The 'Display' menu is open, showing various data display options. Two options are highlighted with red boxes: 'Signed' (with a checkmark) and 'PLC Addresses (Base 1)'. The background shows a data table with columns for PLC addresses and their corresponding values.

	4x0000	4x0020			
1	40001 = 021840	40021 = 020533	40		
2	40002 = 021280	40022 = 012340	40		
3	40003 = 008224	40023 = 000000	40		
4	40004 = 008224	40024 = 000000	40		
5	40005 = 008224	40025 = 000000	40		
6	40006 = 008224	40026 = 000002	40		
7	40007 = 008224	40027 = 000000	40		
8	40008 = 019823	40028 = 000100	40		
9	40009 = 025701	40029 = 000235	40		
10	40010 = 027680	40030 = 000310	40050 = 000002	40070 = 000120	40090 = 000000
11	40011 = 012592	40031 = 000000	40051 = 001200	40071 = 000002	40091 = 000001

### Setup-Read/Write Definition

- Function (03: Read 06: Write)
- Address
- Quantity
- View Rows

As below result

	4x0000	4x0020	4x0040	4x0060	4x0080
1	40001 = 021840	40021 = 020533	40041 = 001115	40061 = 000960	40081 = 000000
2	40002 = 021280	40022 = 012340	40042 = 001105	40062 = 004126	40082 = 000000
3	40003 = 008224	40023 = 000000	40043 = 000600	40063 = 000600	40083 = 000000
4	40004 = 008224	40024 = 000000	40044 = 000000	40064 = 000000	40084 = 000000
5	40005 = 008224	40025 = 000000	40045 = 000000	40065 = 000000	40085 = 000000
6	40006 = 008224	40026 = 000002	40046 = 000000	40066 = 000000	40086 = 000000
7	40007 = 008224	40027 = 000000	40047 = 000000	40067 = 000000	40087 = 000000
8	40008 = 019823	40028 = 000100	40048 = 000000	40068 = 000000	40088 = 000000
9	40009 = 025701	40029 = 000235	40049 = 000000	40069 = 000000	40089 = 000000
10	40010 = 027680	40030 = 000310	40050 = 000002	40070 = 000120	40090 = 000000
11	40011 = 012592	40031 = 000000	40051 = 001202	40071 = 000002	40091 = 000001

ONL33 >> 3 phase in and out configuration

```
COM1 - PuTTY
<<<<<          Set Modbus Parameters          >>>>>
<<<<<----->>>>>
1. Device Address.  (2)
2. Modbus Communication Mode.  (RTU)
3. Modbus Baud Rate.  (9600)
4. Modbus Connection.  (RS485)
5. Half/Full Duplex (Full Duplex, Half Duplex).  (HalfDuplex)
6. Communication Level (Normal Mode, Invert Mode).  (NormalMode)
0. Return to Main Menu.

Select => █
```

```
COM1 - PuTTY
<<<<<          Set UPS Properties          >>>>>
<<<<<----->>>>>
1. Communication Type of UPS.  (MegaTec Three Phase(3 in - 3 out))
2. UPS Device Name.  ( )
3. Last Battery Replacement Date.(yyyy/mm/dd)  ( )
4. UPS Model.  ( )
5. UPS Voltage Rating.  (1100)
0. Return to Main Menu.

Select => █
```



