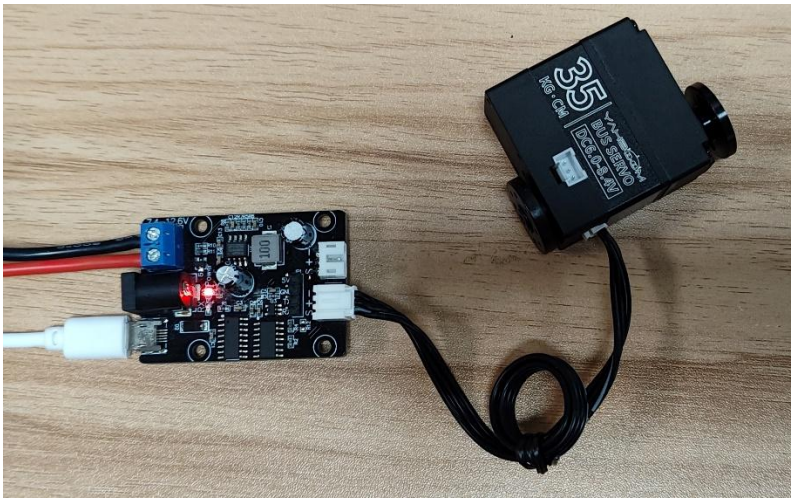
1. Connect the bus servo and drive board

As shown below.

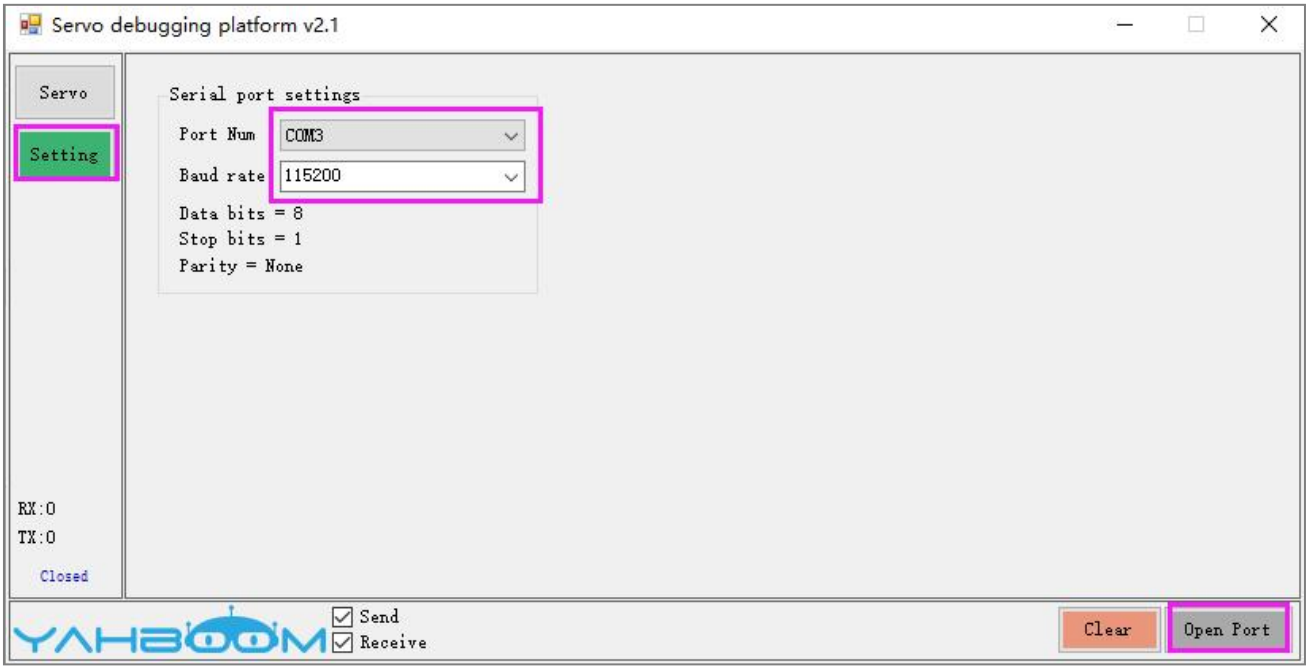


Note: The interface on the servo debugging board is a PH2.0 interface, so it is necessary to use a PH2.0 to HY2.0 data cable to connect the servo debugging board and the servo.

2. Connect to the bus servo to PC software

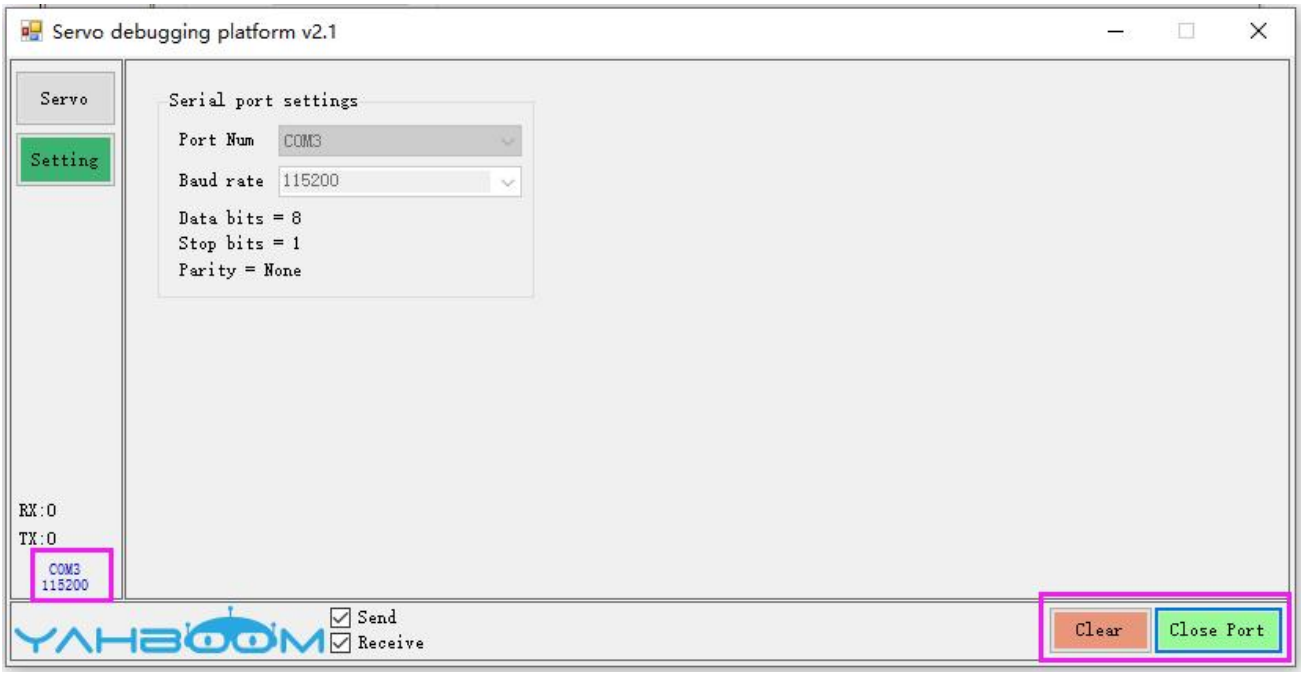
2.1 Connect servo drive board to your computer.

2.2 Double-click to open the servo debugging software. Click [**Settings**]-- [**Serial Port Settings**] to select the corresponding port number, the baud rate is 115200, and finally click [**Open Port**].

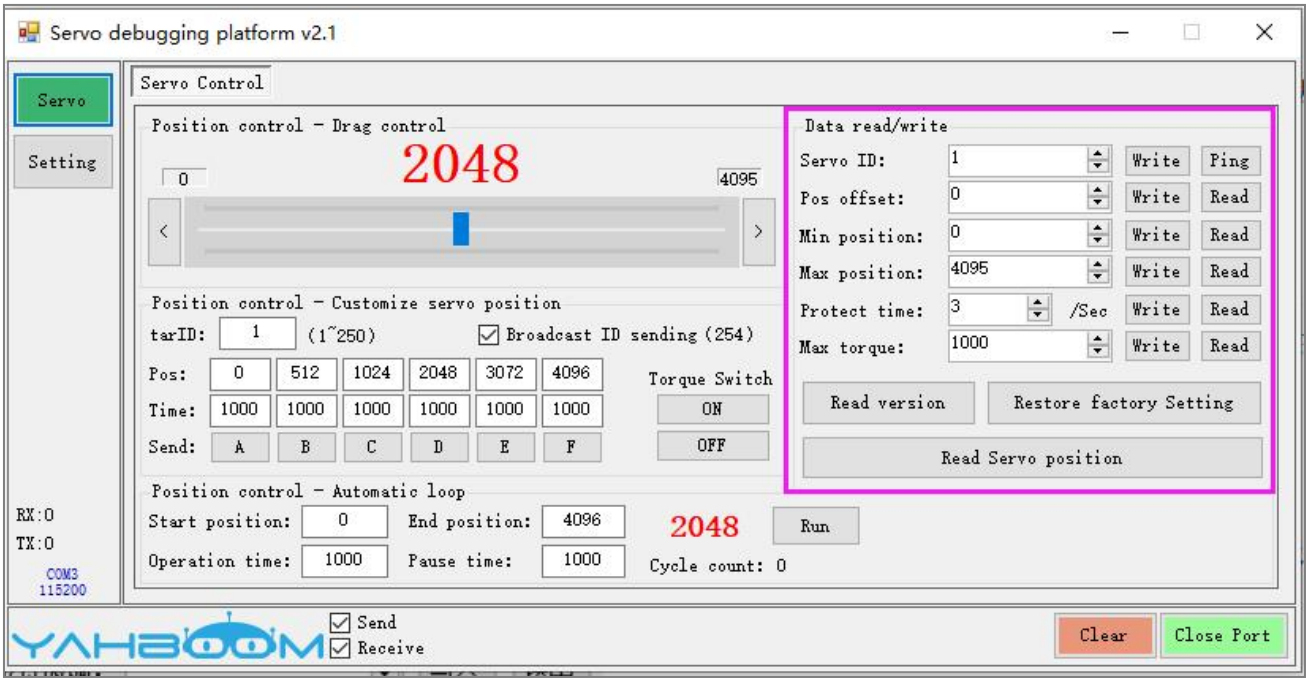


2.3 If the serial port is successfully opened, the serial port number and baud rate will be displayed in the lower left corner.

If it can't be opened, please confirm whether the serial port is occupied by other devices.



2.4 After the serial port is successfully opened, as shown below, the entire area can be used to set servo ID and read position.



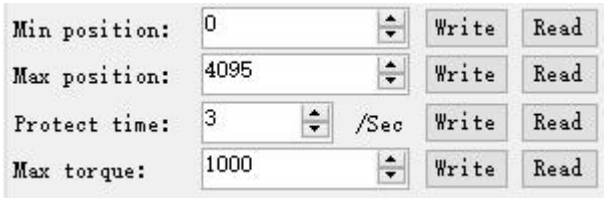
3. PC software setting and query

3.1 Set ID. For example(ID = 1). When you click [Write], all bus servos connected to this drive board will be set to ID=1.

Click [Ping] to see the data returned by the bus servo in [Receive Display].

3.2 Pos offset. The offset of the servo can be modified. At present, only a positive integer can be written, the maximum value is 1000, and the servo will shift clockwise.

3.3 We can set the angle limit, torque limit and stall protection time according to actually conditions.



3.4 Restore factory settings, click [Restore factory Settings] and a prompt box will pop up. Click [OK] to restore all the contents of the servo to default, and the ID of the servo will become to 1.