

Advantech AE Technical Sharing Documentation

Date	2018/06/15	SR#	1-3472245774
Category	■FAQ □ SOP	Related OS	Win CE 7
Abstract	How to open PCM-24DxRx COM port under WinCE 7 base on UNO-1372G.		
Keyword	WinCE, loopback		
Related Product	UNO-1372G, PCM-24DxRx		

■ Problem Description:

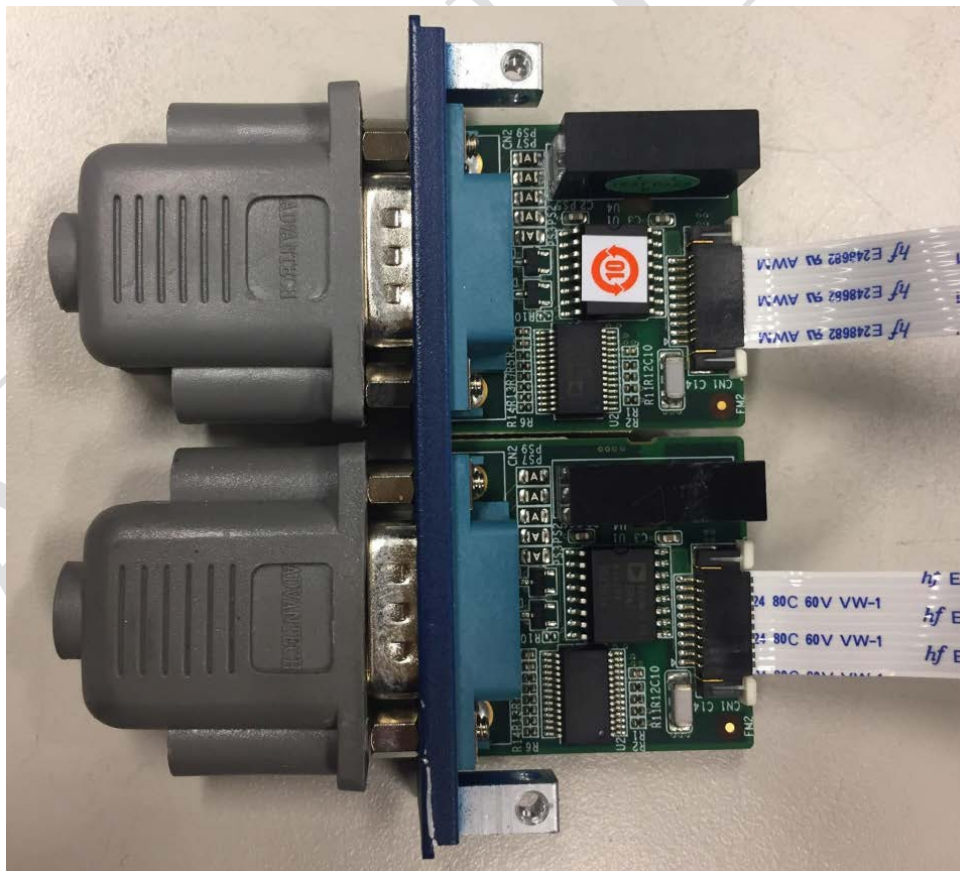
How to open PCM-24DxRx COM port under WinCE base on UNO-1372G.

(Image version: V4.02 Build 106)

■ Solution - Step by Step:

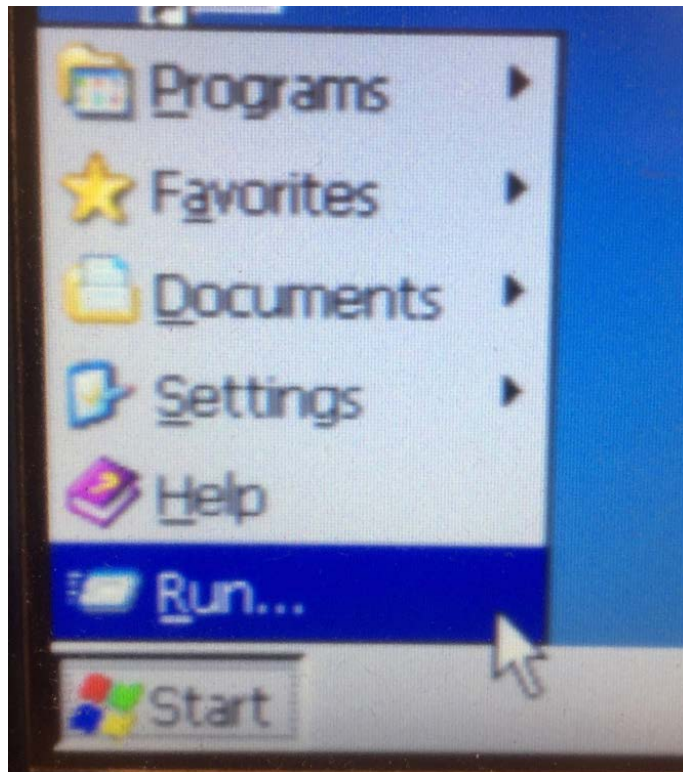
Step1

Set the loopback tool to the idoor COM port. If you don't have the tool, you can make Short circuit of the Tx and Rx for test RS-232. Pin define you can check the reference section.



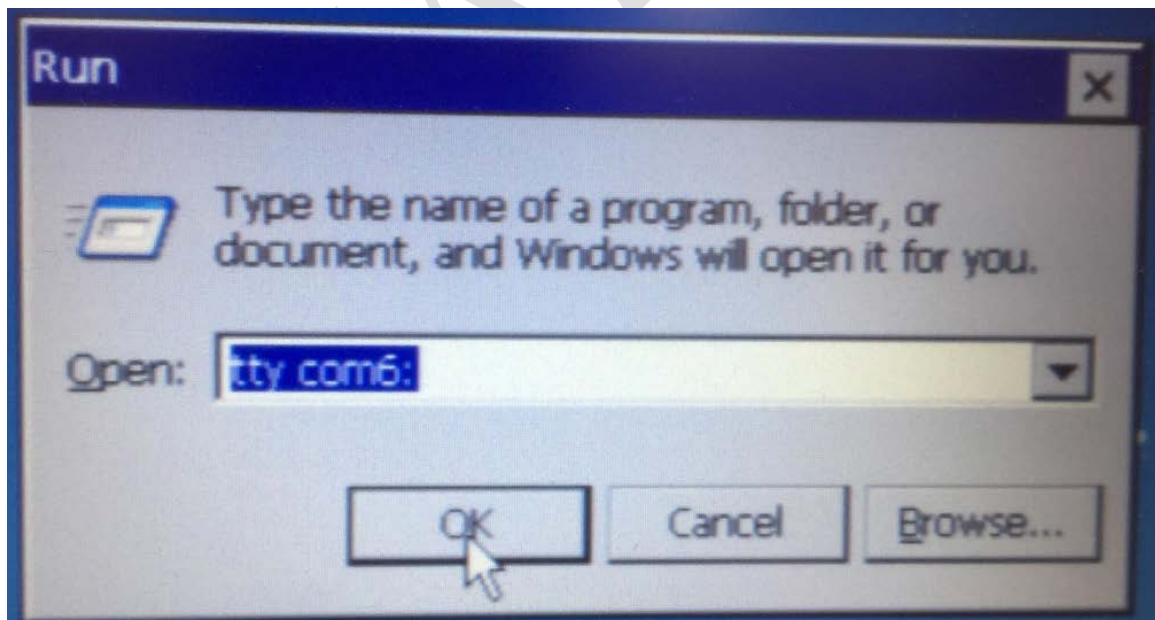
Step2

Left click "Start->RUN" to open the utility for test loopback.

**Step3**

Enter "tty com6:" to open the first comport of idoor. Click "OK".

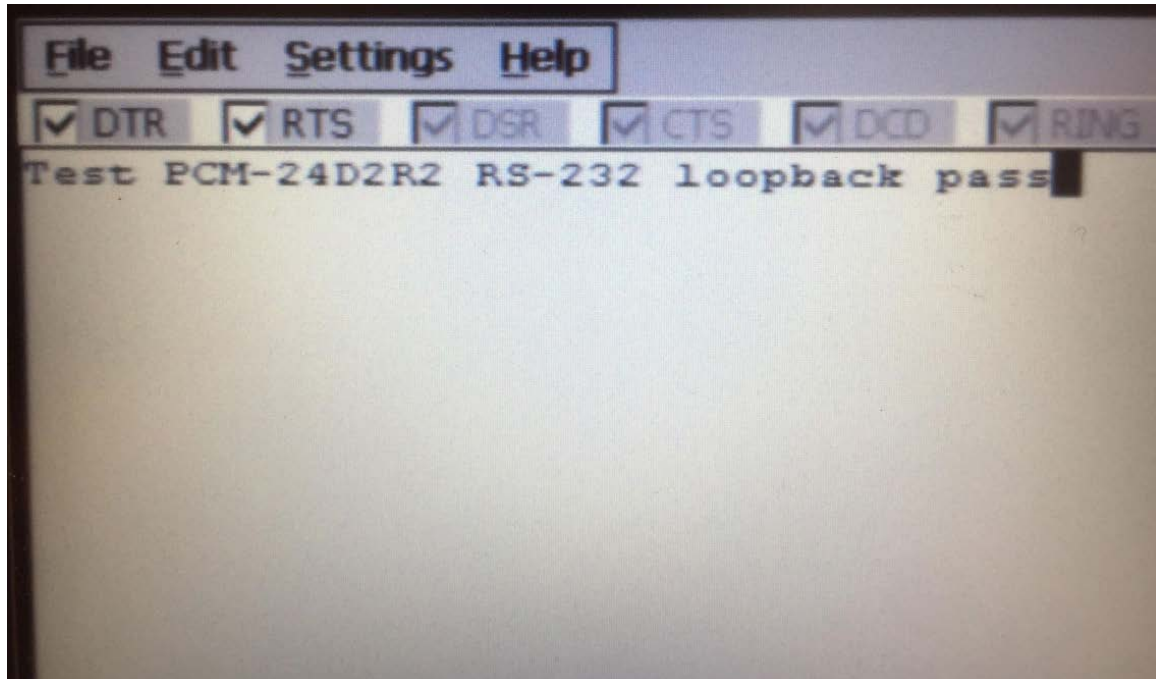
Reminder: According to UNO-1372G the built-in comport is "COM1 COM2" and idoor start from **COM6**, and so on.



Step4

When you see the window below, you can enter anything from the keyboard.

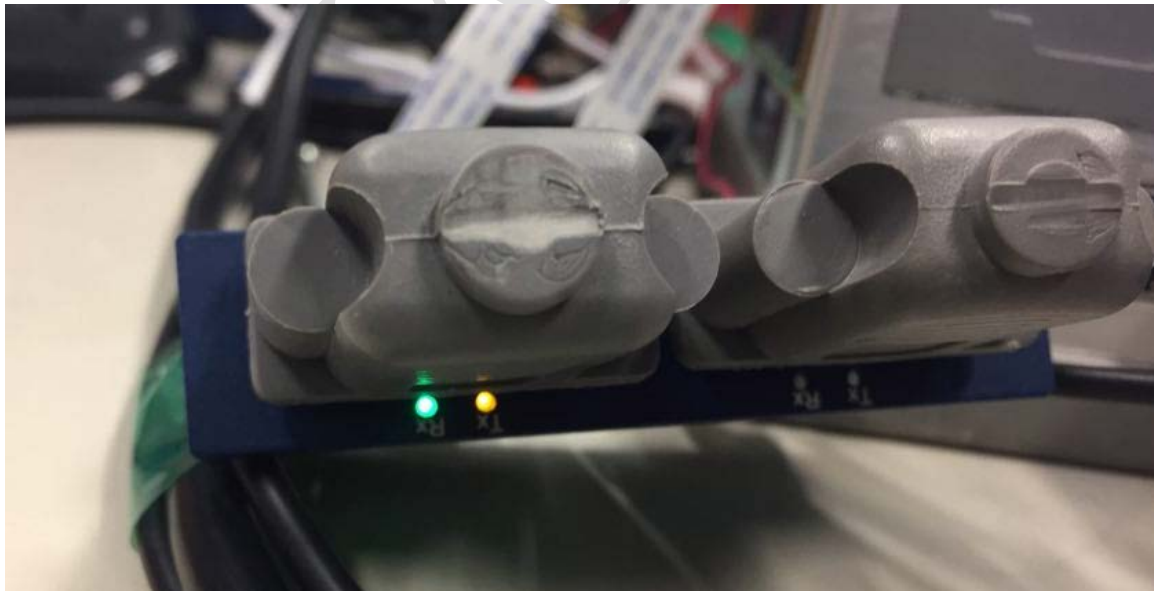
If the COM port is working, it will appear as input from the keyboard.

**Step5**

When you test the loopback, you can see the LEDs (Tx, Rx) are flashing.

Tx: Transmit Data

Rx: Receive Data





Reference:

PCM-24D2R2 Male DB9		PCM-24D2R4 Male DB9		
PIN	RS-232	PIN	RS-422	RS-485
1	DCD	1	Tx-	Data-
2	RxD	2	Tx+	Data+
3	TxD	3	Rx+	-
4	DTR	4	Rx-	-
5	GND	5	GND	GND
6	DSR	6	RTS-	-
7	RTS	7	RTS+	-
8	CTS	8	CTS+	-
9	RI	9	CTS-	-

