

Advantech AE Technical Share Document

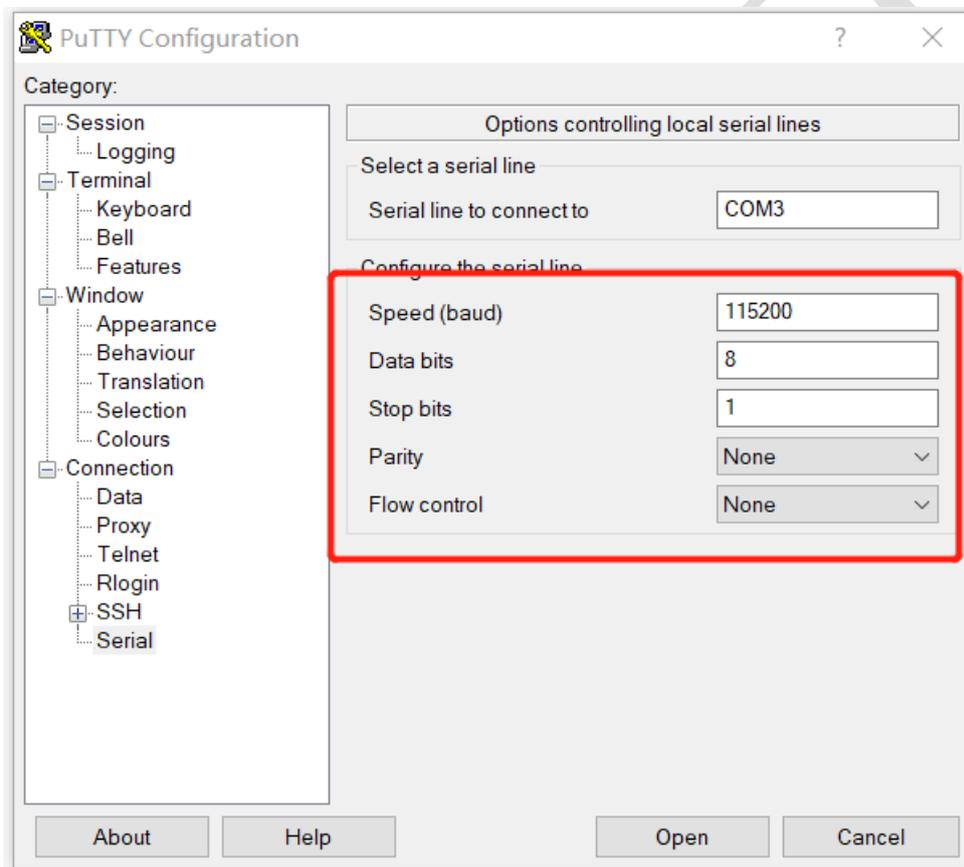
Date	2020/8/6	SR#	1-3511775744
Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	Related OS	N/A
Abstract	How to enter iRTU system by serial console		
Keyword	RS-232, Console, System		
Related Product	ADAM-3600, ECU-1152, ECU-1251, ECU-1051		

■ **Problem Description:**

This document explains how to enter gateway system by serial console.

■ **Answer:**

The serial is **RS-232** and the band rate is **115200**, data bits is **8**, stop bits is **1**, no parity.



The location is showed as below.

ADAM-3600

COM1 is the serial console.

To use ADAM-3600 COM1 in debug mode, user needs to change COM1 into RS-232 mode.

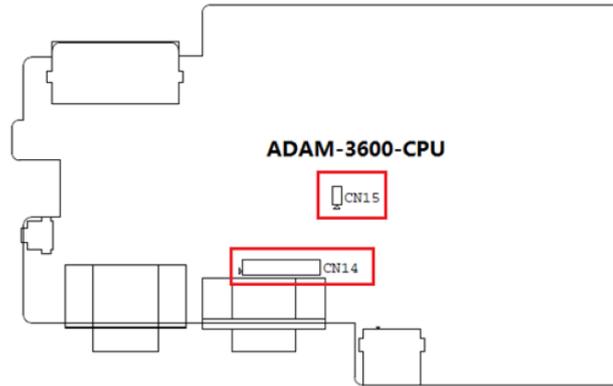
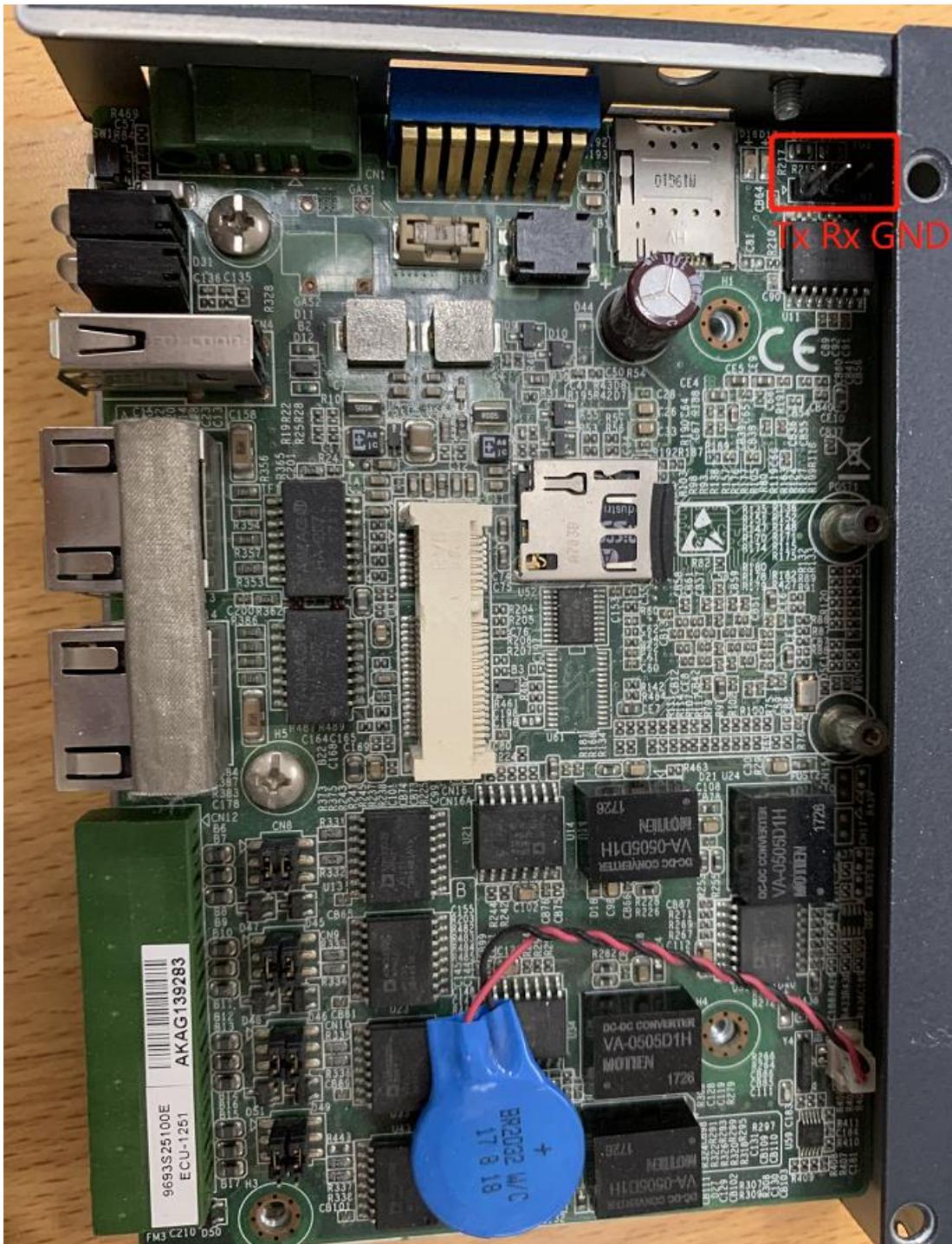


Figure 3.15 Jumper Settings

No.	Name	Meaning	Descriptions																																								
1	CN14	COM1 DB9 Port select RS-232 or RS-485	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">▷</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> </table> RS-485 </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">▷</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> </table> RS-232 </div>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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And then make sure the jumper is set up as below image.

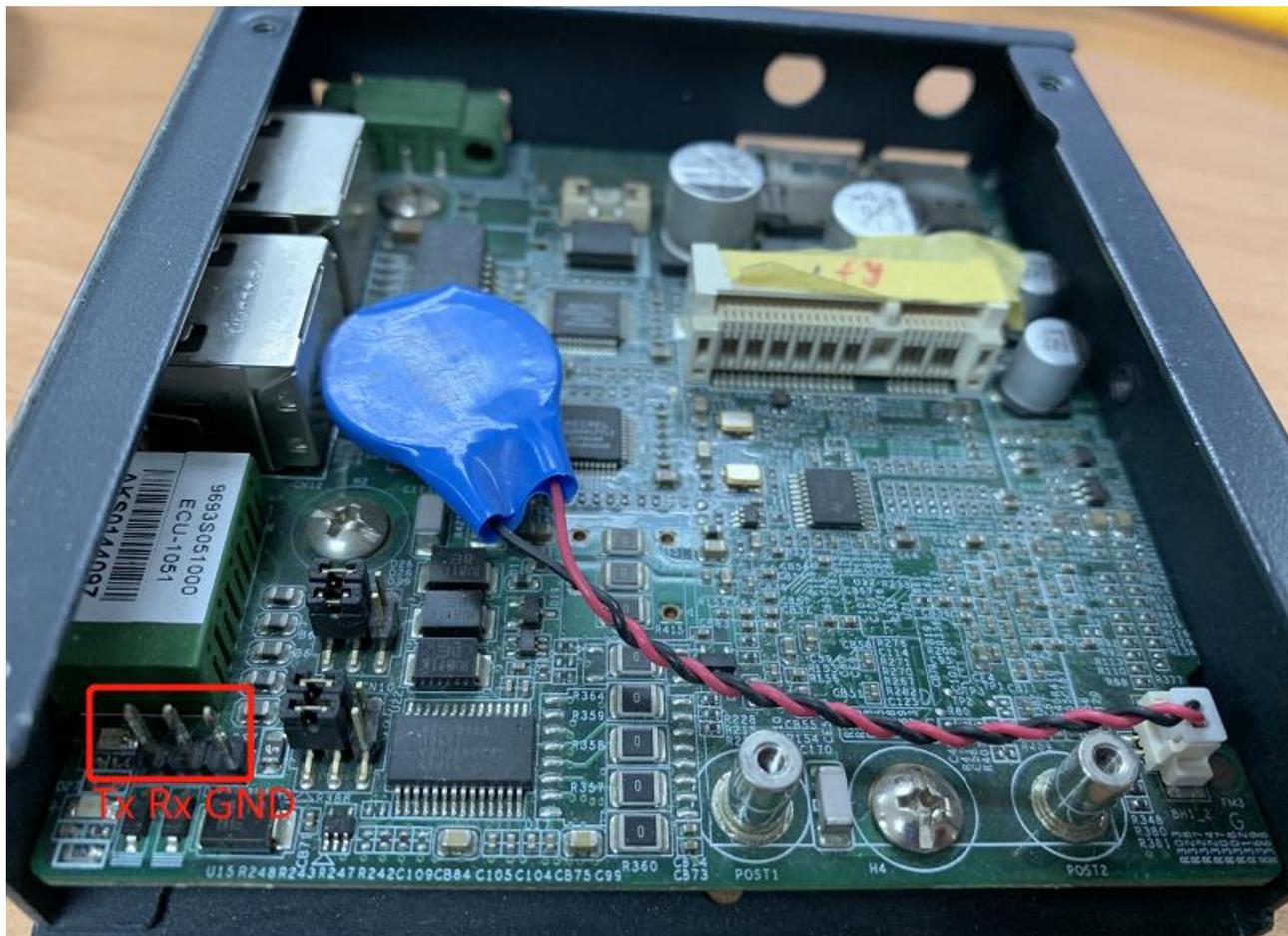


ECU-1251

CN7 inside the ECU-1251. The picture above shows the ECU pins

Note: the console is not the COM1/2/3/4 outside.

ECU-1051



CN8 inside the ECU-1051. The picture above shows the ECU pins
Note: the console is not the COM1/2 outside.

ECU-1152

It is the standard DB9 interface.



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