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Advantech AE Technical Share Document

Date	2020/8/6	SR#	1-3511775744	
Category	■FAQ □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.

■ <u>Answer</u>:

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

🔀 PuTTY Configuration		? ×
Category:		
⊡-Session	Options controlling local Select a serial line Serial line to connect to	com3
Features Window Appearance Behaviour Translation Selection Colours Connection Data Proxy	Configure the sorial line Speed (baud) Data bits Stop bits Parity Flow control	115200 8 1 None ~ None ~
- Telnet Rlogin ⊕-SSH Serial	Open	Cancel

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.



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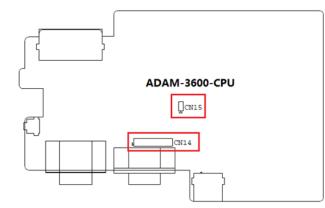


Figure 3.15 Jumper Settings

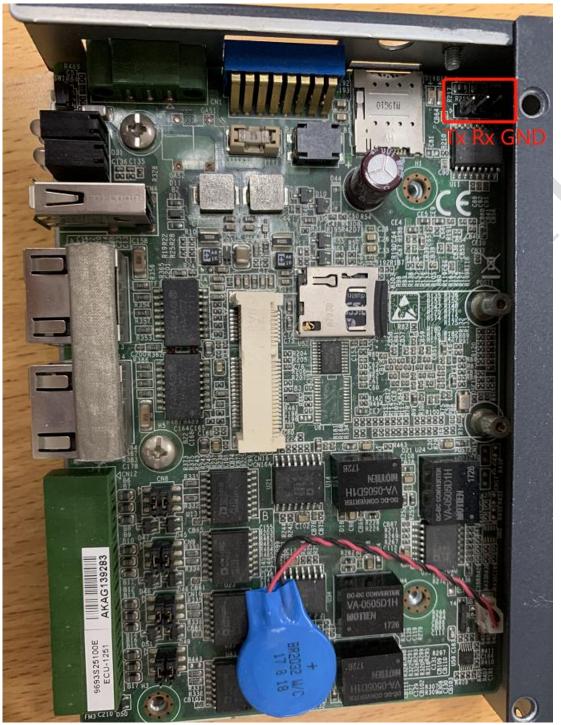
No.	Name	Meaning	Descriptions
1	CN14	COM1 DB9 Port select RS-232 or RS-485	► • • • • • • • • • • • • • • • • • • •
			► • • • • • • • • • • • • • • • • • • •

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.



