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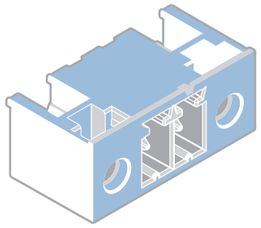
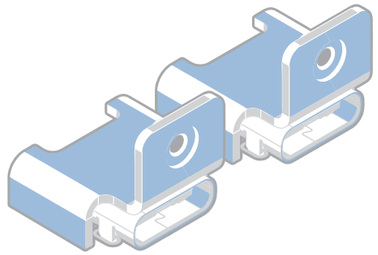
Quick Reference Guide

sbRIO-9609



Connect to Power

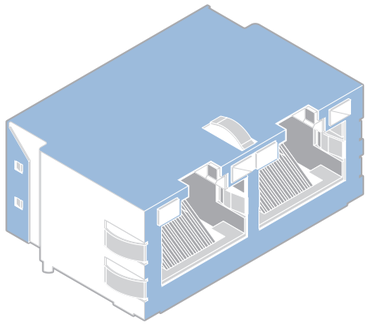
1. Ensure that your power supply is powered off.
2. Insert the power connector plug into the power connector receptacle of the sbRIO-9609 until the connector latches into place.
3. Turn on the power supply.



Connect to the Host Computer via USB

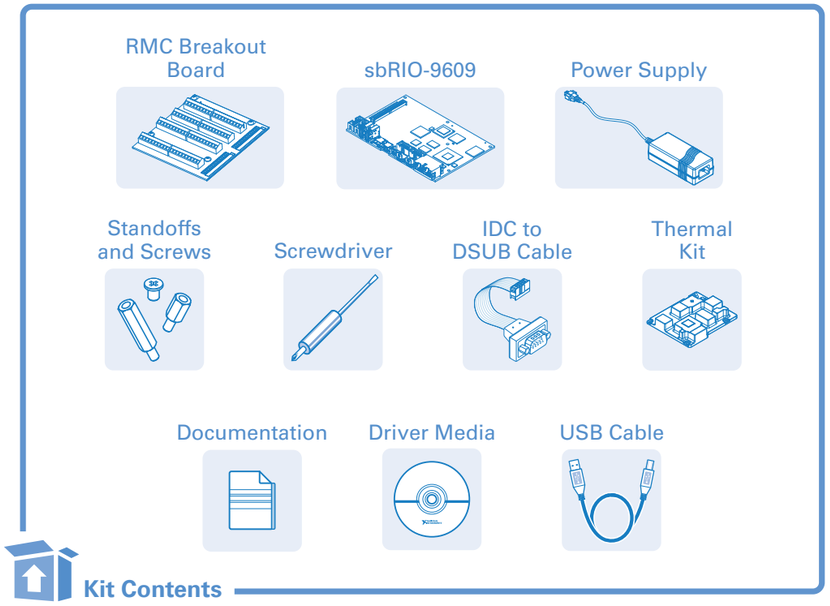
1. Power on the host computer.
2. Connect the USB Type-C 2.0 device port of the sbRIO-9609 to the host computer using a Type-C to Type-A USB cable.

OR



Connect to the Host Computer via Ethernet

1. Power on the host computer.
2. Connect the sbRIO-9609 to the host computer using a standard Category 5 (CAT-5) or better shielded, twisted-pair Ethernet cable.

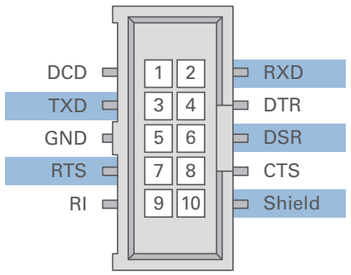


For a complete list of resources go to the following URL: ni.com/r/sbrio

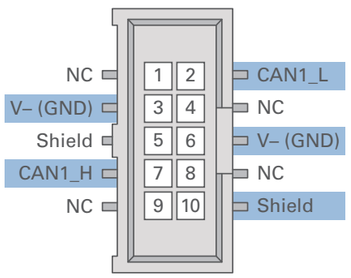
377896A-03 Oct19

NATIONAL INSTRUMENTS

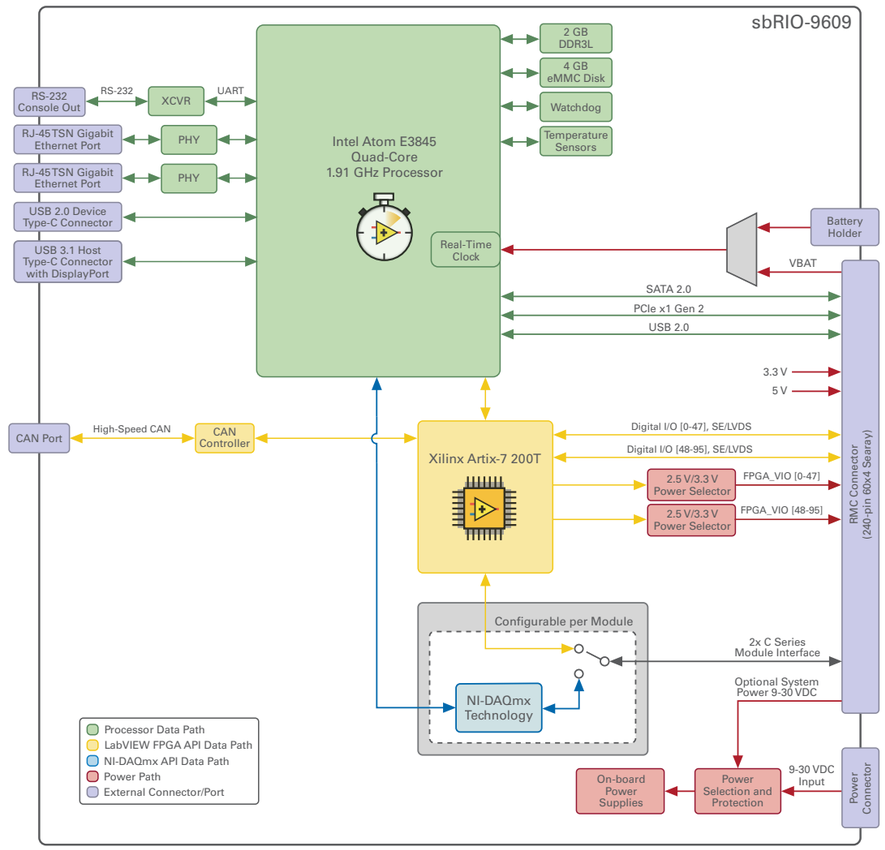
RS-232 (ASRL1) Pinout



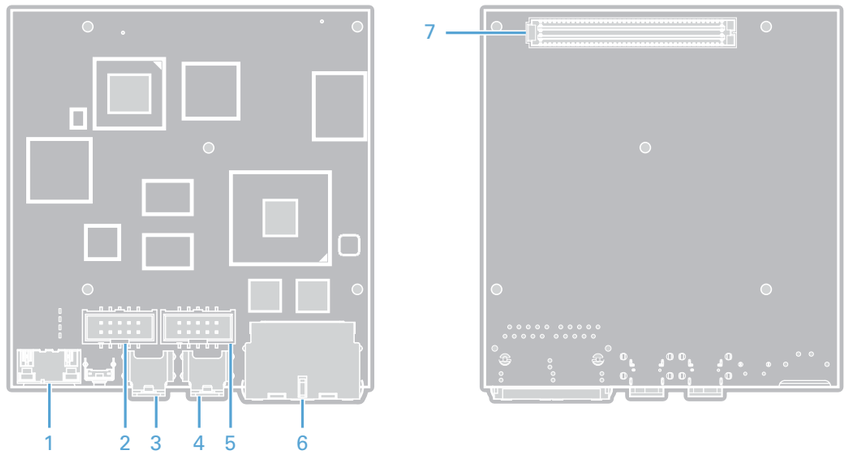
CAN Pinout



sbRIO-9609 Block Diagram

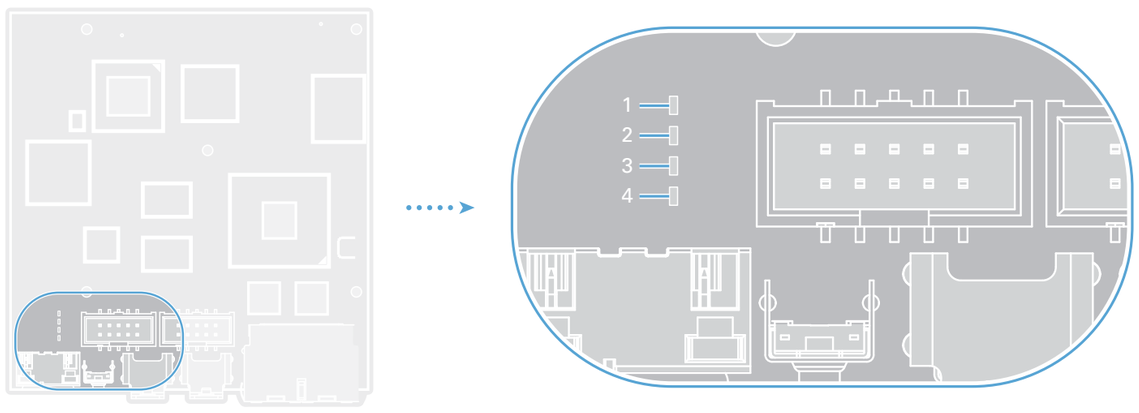


sbRIO-9609 Parts Locator Diagram



1. Power terminal
2. CAN port
3. USB Type-C 2.0 device port
4. USB Type-C 3.1 host port
5. RS-232 serial port with Console Out
6. RJ-45 Gigabit Ethernet ports
7. RMC connector

sbRIO-9609 LEDs



1. Power LED
2. Status LED
3. User1 LED
4. User FPGA1 LED

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