PowerPC Development Toolchain

**Stated Goal**
Port a project written in C to the device with PowerPC Architecture, specifically the MPC 5777C-Dev B and the MPC 5748G Development boards pictured below:

While both development boards utilize POWER Architecture, the MPC 5777C more closely resembles the processors found in modern ECUs and was the primary target for development.

**Target Project**
The target project is written in the C programming language and receives data over CAN, processes the information, and then sends a response over CAN. Successful implementations had already been written for the ARM architecture on the BeagleBone Black microcomputer.

**Conclusion:** Programming for the PowerPC Architecture requires detailed configurations for all the peripherals and Controller Area Network hardware.