



Position: Firmware Engineer

Department: Engineering

Reports To: Engineering Manager

Job Location: Brisbane, Australia

Summary

Opengear designs and manufactures products for data center and remote site management. Those products include network management software and management appliances that are deployed by the largest IT organizations worldwide. We are a global company, with offices in Brisbane-Australia, Sandy-UT, Edison-NJ, and San Jose-CA.

Working closely with hardware engineers and other firmware engineers, the Firmware Engineer will be responsible for the development, configuration and maintenance of Opengear's customized Linux distributions, kernel modules, bootloaders and manufacturing test images for new and existing hardware designs.

Responsibilities

- Firmware support for prototype board verification and bring-up
- Development and maintenance of manufacturing test images
- Linux kernel configuration
- Linux kernel driver development
- Working with staff in our remote production and test facility

Requirements/Qualifications

- Degree-qualified in an electronics or software field, or sufficient relevant experience
- Yocto
- Embedded Linux
- C programming
- Version control (git)
- Modular firmware design
- Debugging and tracing
- Ability to read schematics and component datasheets

Knowledge in any of the following areas is not required, but would help you get started quickly.

- Coreboot
- ACPI
- Intel and AMD x86-64
- Operating system architecture