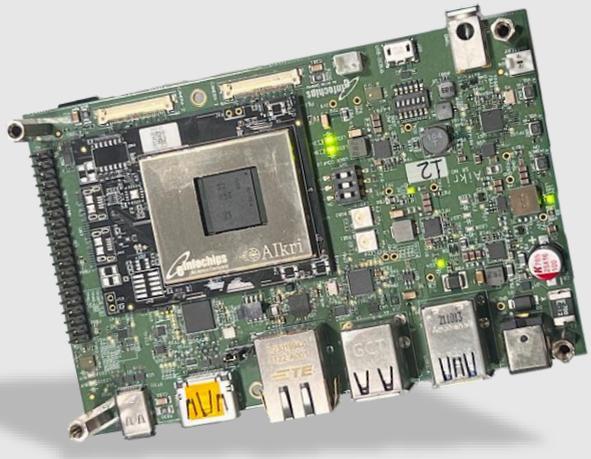


Aikri 8550 Autonomous Robots Development Kit

Based on the Qualcomm® QCS8550 SoC



- 1 Autonomous Robots
- 2 Edge AI gateways
- 3 Retail
- 4 Video collaboration
- 5 Healthcare
- 6 Industrial Drones

About eInfochips

eInfochips, an Arrow Electronics company, is a leading provider of digital transformation and product engineering services. eInfochips accelerates time to market for its customers with its expertise in IoT, AI/ML, security, sensors, silicon, wireless, cloud, and power. eInfochips being a Qualcomm Snapdragon Technology Partner (STP) offers turnkey product designs on multiple Snapdragon and other SoCs of Qualcomm® and have enabled global customers with Qualcomm based product designs.

Aikri 8550 Autonomous Mobile Robots Dev Kit

The Aikri 8550 AMR dev kit is Powered by Qualcomm®'s QCS8550 based Aikri System on Module(SoM). This LGA SoM integrates an ARM Cortex-X3 based Octa-Core Kryo™ CPU, Adreno™ 740 GPU, Hexagon™ DSP/HTP with HVX and HMX and Spectra™ ISP with cognitive triple 18-bit ISPs to provide very high edge AI processing capabilities.

The AMR dev kit enables implementation of algorithms to autonomously navigate from point A to point B through multiple sensors and visualization inputs from LiDAR or ToF or cameras. The Aikri 8550 AMR dev kit enables OEMs and engineers to bootstrap development activities for potential robotics product designs based on the QCS8550 with the shortest turnaround time, while minimizing design risk factors.

eInfochips Advantages

- ✓ 28 Years of experience in system design
- ✓ 10 Design centers worldwide
- ✓ 500+ Product designs
- ✓ 35+ Product designs on Qualcomm
- ✓ 15M+ Product deployments across globe
- ✓ ISO 9001, ISO13485, AS9100/EN9100, ISO26262 and CMMi L3 compliant processes

