



INTEL® ELKHART LAKE PROCESSORS SECO® SM-C93 SMARC® module, powered by Intel® Elkhart Lake processors



This new line of processors (Intel® Atom® x6000E Series, Intel® Pentium®, Intel® Celeron® N and J) is developed to support the next generation of IoT edge devices. Enhancements include new levels of CPU and graphics performance with integrated IoT features, real-time performance, manageability, security, and Functional Safety (FuSa). Applying FuSa standards in the industrial environment enables robots and machinery to detect failures and prevent damage. SECOs SM-C93 is the first SMARC® module specifically designed and optimized for FuSa applications. Powered by Intel® Elkhart Lake processors edge-optimized SMARC® modules can also improve cost and time to market significantly.

Key Features

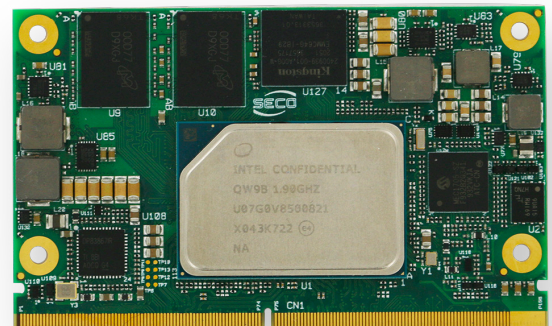
- Up to 3.0 GHz max. frequency
- Integrated Gen 11 UHD Graphics
- Integrated Connectivity with TSN capability
- FuSa with Intel® Safety Island (on select SKUs)

Key Benefits

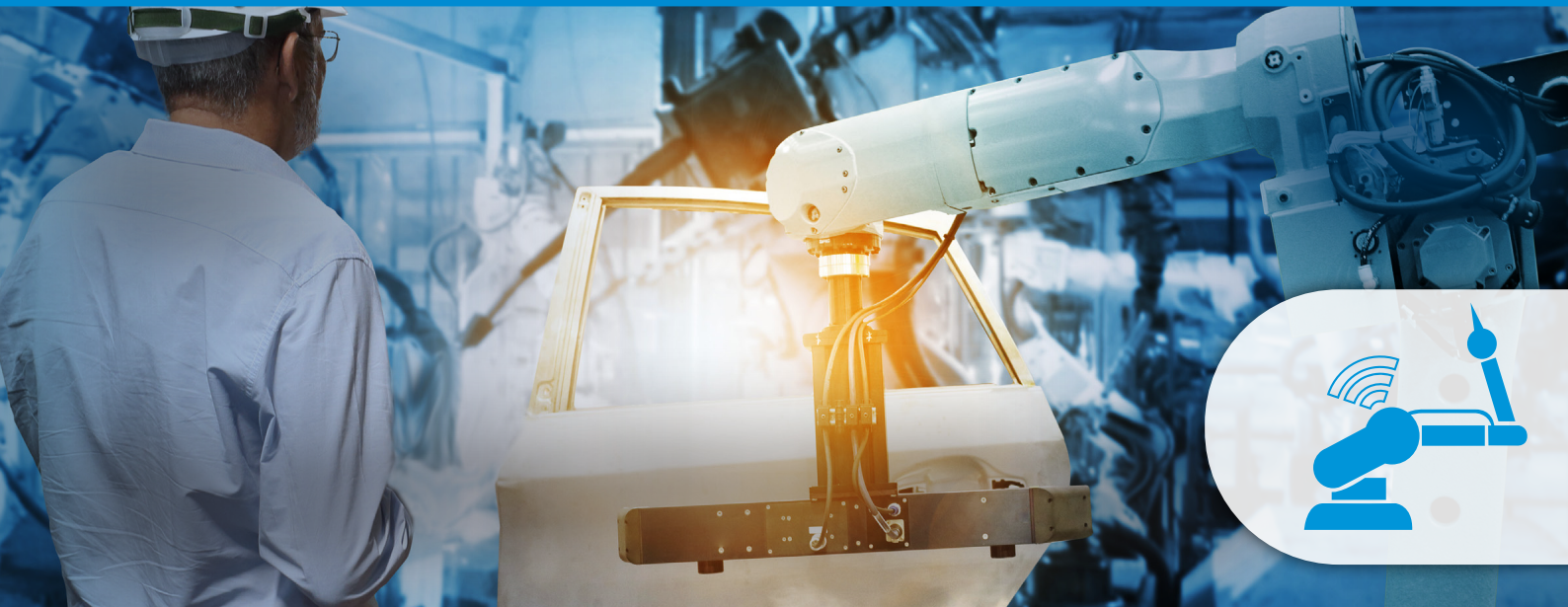
- CPU performance improvement
- Faster development time by incorporating FuSa
- Reduced implementation complexity
- Improved flexibility for wide range of applications

Key Applications

- Robotics
- Biomedical / Medical Devices
- HMI
- Industrial



SECO® SM-C93 SMARC® module



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