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*With power-efficient performance, the SCB100 adopts the Intel Atom® x6000E series processor and Intel® Safety Island (Intel® SI) for the integrated functional safety capability, making it the best processor to develop a control system for robots and machines.”*

Jenny Shern  
General Manager  
NexCOBOT

# nexCOBOT

## SCB100 Robot Controller

To meet the growing demand of functional safety measures of workplaces, NexCOBOT offers SCB100, a robot controller fully certified for functional safety. Powered by Intel Atom® X6427FE, a completely IEC 61508 certified processor, SCB100 offers board-level SIL2 functional safety. In an AMR system, SCB100 can act as both a navigation and a safety controller. With Synapticon's all-in-one servo drive SOMANET Circulo, we help reduce the system complexity and shorten the development time of AMRs. Compared to conventional safety controller solutions, SCB100 saves the hassle of installing extra safety control devices. Up to 12 to 18 months of project development time and effort can be saved as you can develop robot control systems and safety systems together with SCB100.

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