

Intelligence is Your Edge

Powered by Intel



x86 SIL2 Certified Functional Safety Control Platform

SCB 100 (Safety Control Board) is a Mini-ITX board with functional safety compatibility. It supports the I/Os and interfaces needed for a controller platform to build robotic control and motion control systems. Certified by TÜV Rheinland, the SCB 100 stands out as the industry's pioneering safety controller platform. It utilizes an Intel x86 processor with integrated safety features, such as safety I/Os and additional EtherCAT slave ports. The multi-core capabilities of the Intel Atom® Processors X Series, combined with safety hypervisor technology, enable the SCB 100 to handle multi-tasking applications. Robotic control and safety control can both be implemented with the SCB 100 alone, simplifying system architecture.

Partner Link:

<https://www.nexcobot.com/en/product/robot-system/robot-safety/scb100>

Partner Name

NEXCOM Robotic Solutions

Solution Name

SCB 100 (Safety Control Board)

Booth Location

Hall 5
Booth #235

