

AI that moves the world.

That's the power of Intel Inside®.



Powering the Future

Experience the power of the Intel® Core™ Ultra processor, the heart of the conga-TC700 Computer-on-Module, where three distinct workloads run independently on separate operating systems. The real-time capable hypervisor from Real-Time Systems enables strict separation between three bare metal virtual machines. Instead of using three dedicated systems to fulfil the tasks of motion control for balancing a ball on a plate with precise adjustments, while simultaneously using AI-powered embedded vision accelerated by the OpenVINO™ toolkit to track the ball's movements via a camera and operating a responsive HMI for seamless user interaction, this setup uses only one module.

Operated on the powerful Intel Core Ultra processor with AI acceleration, this setup demonstrates how designers can easily save hardware costs, reduce complexity and still ensure deterministic real-time performance. Visit our booth to get all the details and see it in action.

Partner Link:

<https://www.congatec.com/en/products/com-express-type-6/conga-tc700/>

Meeting Request Link:

<https://www.congatec.com/us/contact-1/>

Partner Name

congatec

Booth Location

Hall 3, Booth 3-241

Solution Names

- congatec aReady
- conga-TC700