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CREDIT-CARD-SIZED SMARC MODULE FOR THE NEXT LEVEL OF INDUSTRIAL COMPUTING

Specially designed for industrial requirements, they deliver eight processor cores –which is double the previous generation – while maintaining the same power consumption. The credit-card-sized conga-SA8 modules therefore set a new performance benchmark for future-facing industrial edge computing and powerful virtualization. With conga-SA8 modules, consolidated edge computing applications in the industrial temperature range of -40°C to +85°C can now also benefit from increased performance and energy efficiency.

Key highlights:
✓ With up to 8 cores, the conga-SA8 can host a variety of different applications that previously required multiple dedicated systems
✓ This SMARC module helps to reduce the number of devices and increases reliability, cost-efficiency, and sustainability
✓ High-performance image recognition and graphics processing thanks to Intel graphics with INT8 inference support and up to 32 execution units

- Increase in parallelism and performance
- AI Acceleration (VNNI)
- Intel Gen 12 UHD Graphics with up to 32EU's
- LPDDR5 with up to 4.800 MT/s memory support
- Extended temperature options available

For full product
info and datasheet
Click here

Congatec

Congatec is a rapidly growing technology company focussing on high-performance embedded computing products, so-called computer-on-modules and industrial single board computer.

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