



Quintauris GmbH
Garmischer Str. 35
81373 München
info@quintauris.com

press release

Quintauris releases RT-Europa, the first RISC-V Real-Time Platform for Automotive

The reference specification for real-time RISC-V processors in automotive applications

Munich (Germany), November 25, 2025 - [Quintauris](#), a global provider of RISC-V based solutions, announces [RT-Europa Platform, the RISC-V gold standard reference for automotive real-time processors](#). It establishes a standardized foundation for building and integrating RISC-V processors with the expected performance for real-time applications, enabling the industry to secure the development from prototype to production.

RT-Europa Platform supports the Profile of the same name released by Quintauris in February of this year and expands the offering to a shared foundation for SoC design, system performance and interfacing, virtualization, and ecosystem integration. This enables the automotive industry to leverage the unique value of RISC-V processors while secure platform compatible IPs, competitive use-case based performance, software interoperability, and formal validation and benchmarking based on Quintauris Test Automation Framework.

Built for Determinism. Designed for Integration

The platform introduces a system-level standardization layer, ensuring interoperability and reliability across diverse IPs and software configurations, ensuring the necessary performance. The RT-Europa Platform, together with Quintauris Test Automation Framework, allows OEMs and Tier1 to evaluate and optimize different RISC-V IPs and software stacks implementations.

"With RT-Europa, we are providing the automotive RISC-V ecosystem with a concrete path to production-ready solutions," said Angel Berrio, CPO of Quintauris. "By standardizing system-level interfaces and validating real-time performance across hardware and software, RT-Europa allows developers to accelerate innovation, reduce integration risks, and bring next-generation automotive processors to market faster."

This is not another major step, but the definitive step and real proof of Quintauris' mission: accelerate RISC-V adoption through ecosystem alignment, necessary performance and interoperability assurance. RT-Europa makes RISC-V interoperability a reality in real-time processors, establishing a shared reference point for hardware and software vendors in the automotive industry.

Developed in collaboration with leading IP, software, and toolchain partners, RT-Europa Reference Architectures integrates different RISC-V IPs, operating systems, compilers, and debugging tools, establishing the path for RISC-V adoption at scale. By defining a shared reference point for real-time applications, the architecture supports automotive innovation while maintaining compliance with industry standards and functional safety requirements.

Key benefits of RT-Europa:

- Optimized and validated components for real-time performance.
- Standardized system-level architecture for RISC-V real-time applications.
- Ensures interoperability across IPs, software stacks, and tools.
- Accelerates prototype-to-production workflows for automotive developers.

Unveiling RT-Europa at CES 2026

Quintauris will showcase RT-Europa Reference Architectures at CES 2026 in Las Vegas, demonstrating how the platform enables automotive industry to effectively transition to RISC-V, benefit from its unique characteristics, with the required level of performance and the support of the software and tool ecosystem. In addition to RT-Europa Platform, Quintauris will showcase an early release of Quintauris Test Automation Framework (QNTAF), which will be available for demonstrations at Quintauris and Infineon space. RT-Europa Platform will be available to customers and partners starting January 2026. For more information, visit www.quintauris.com/quintauris-at-ces-2026/.



Source: Quintauris

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About Quintauris (www.quintauris.com):

Quintauris is a global provider of RISC-V-based products. Founded in 2023, Quintauris develops profiles, reference architectures and software components which enable compatibility and help establish RISC-V solutions to be widely used across various industries.

Founded by leading semiconductor players such as Bosch, Infineon, Nordic Semiconductor, NXP, Qualcomm, and STMicroelectronics, Quintauris' mission is to accelerate the global adoption of RISC-V, the open standard Instruction Set Architecture (ISA), enabling the development of next-generation processors for automotive, industrial, and IoT applications.

Learn more at quintauris.com and connect with us on [LinkedIn](#) and [YouTube](#).

Contact:

Quintauris: Irene Aguilar, Corporate Marketing Manager; irene.aguilar@quintauris.com

PR-Agentur Lorenzoni GmbH, Beate Lorenzoni-Felber, beate@lorenzoni.de