

Eurotech launches DynaCOR 40-14: Automotive-certified fanless edge AI computer for connected and autonomous vehicles intelligent operations

Enabling smarter, safer, and more connected mobility with powerful AI at the edge

Amaro (UD), Italy, November 27, 2025 – Eurotech introduces the DynaCOR 40-14, a compact and fanless automotive-certified edge computer that brings advanced AI performance and secure connectivity to connected and autonomous vehicles.

Powered by Intel® Core™ processors and optionally featuring an AI-accelerated NVIDIA GPU, the DynaCOR 40-14 facilitates real-time data processing right at the edge, where it is most crucial. Its robust and compact design ensures reliability even in challenging environments, while also providing flexible wireless connectivity and multi-SIM support for global coverage.

Designed for demanding applications in transportation, autonomous vehicles, logistics, and smart mobility, this new product achieves a balance of ruggedness and advanced power management, supporting battery operation and maintaining stable performance under harsh conditions.

TECHNICAL FEATURES:

- High-performance Intel CPU and NVIDIA MXM GPU for AI acceleration
- Full I/O set with CAN and PoE ports, plus internal expansion options
- Certified with 4G LTE, GNSS, and Wi-Fi 6E; 5G-ready
- EU radio and safety certifications, scalable to global use
- EU cybersecurity compliance (RED-DA)

“We continue to expand our transportation product line with the DynaCOR 40-14, to meet the growing demand for reliable, compact, rugged and high-performance edge computing, that are suitable for demanding industrial applications, too.” said *Livio Paradiso, Head of Products & Marketing, at Eurotech* “Our goal was to create a platform that delivers AI capability directly where data is generated, at the edge, enabling faster insights, safer operations, data privacy and seamless cloud integration for the vehicles and infrastructures of the future.”

The benefits of the DynaCOR 40-14 are already demonstrated in real-world deployments. A recent project proved the product effectiveness on driving safer, smarter, and more efficient operations for a major multi-utility company.

Our customer needed real-time computer-vision analytics running directly on its waste collection trucks. They required an edge computer that could handle AI workloads on x86 architecture with additional GPU acceleration, operate in a compact fanless enclosure, support multiple radios and interfaces, and meet automotive and power constraints.



With Intel® Core™ processing, optional NVIDIA GPU acceleration, rugged design, and integrated radio connectivity, it enabled reliable on-board AI inference even in harsh conditions—turning raw visual data into immediate operational insights without external infrastructure. This deployment proves the DynaCOR 40-14 as a robust, flexible, and power-efficient platform for real-world mobility and smart infrastructure edge AI.

Early availability is planned for December 2025, with mass production starting in Q1 2026.

[Discover DynaCOR 40-14](#)

About Eurotech

Eurotech (ETH.IM) is a multinational company that designs, develops, and supplies Edge Computers and Internet of Things (IoT) solutions - complete with services, software, and hardware - to system integrators and enterprises. By adopting Eurotech solutions, customers have access to IoT building blocks and software platforms, to Edge Gateways to enable asset monitoring, and to High-Performance Edge Computers (HPEC) created for Artificial Intelligence (AI) applications. To offer increasingly comprehensive solutions, Eurotech has partnered with leading companies in their field of action, with a view of creating "best in class" solutions for the Industrial Internet of Things.

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