

## **Eurotech introduces AI game-changers: ReliaCOR 31-11 & 33-11 powered by NVIDIA Jetson Orin**

*Raising the bar in AI integration by reducing complexity and technical barriers for organisations implementing AI solutions*

Amaro, Italy — [May 7, 2024] — As the global AI market continues its rapid expansion across various industries, Eurotech is leading the way with the introduction of its latest **Edge AI systems, the ReliaCOR 31-11 and ReliaCOR 33-11**. Designed to address the pressing challenges of AI adoption and cybersecurity, the devices offer an innovative and user-friendly solution that is set to simplify the development and deployment of AI at the Edge.

Organisations across various sectors still struggle to transition to AI: AI projects from pilot to production phases, experiencing delays of over seven months and 47% failure rates, these numbers were recently reported also by [HBR](#). The ReliaCOR 31-11 and 33-11 Edge AI systems make this transition seamless by **enabling validation, deployment at scale, and lifecycle management of multiple AI models simultaneously**. This capability is essential for enhancing operational efficiencies and accelerating time-to-market.

Cybersecurity is a crucial focus, with national and international regulators increasingly imposing stringent standards on critical infrastructures. The ReliaCOR devices are **secure-by-design** and, at release, certified **according to ISA Secure / IEC 62443-4-1/-4-2**. These certifications ensure that the devices and the pre-installed software meet rigorous security requirements, providing peace of mind for organisations concerned with data protection and regulatory compliance.

The **ReliaCOR 31-11 is powered by NVIDIA Jetson Orin NX** with up to 16GB RAM, capable of delivering up to 100 TOPS of AI compute in a fanless and compact design. The availability of 4x GbE ports, with optional Power over Ethernet (PoE), simplifies cabling for multi-camera connections, making it ideal **for intensive applications such as automatic product sorting and anomaly detection**.

The **ReliaCOR 33-11** elevates these capabilities **with NVIDIA Jetson AGX Orin**, offering up to 64GB RAM and reaching 275 TOPS of AI compute in a fanless configuration. Certified with E-mark for automotive use, it **supports multiple high-speed camera connections for up to 4x PoE cameras and up to 8x LAN cameras**, eliminating the need and cost for a dedicated Ethernet switch.

Certified wireless and cellular connectivity is another standout feature of the ReliaCOR 31-11 and ReliaCOR 33-11. Both devices offer optional integrated Wi-Fi, Bluetooth, and cellular connections. This versatility ensures that the hardware can be deployed in a variety of settings, from remote locations requiring cellular connectivity, to factory floors where Wi-Fi/BT is prevalent.

Enhancing these powerful hardware capabilities, Eurotech's **Edge Software Framework (ESF)** now **integrates NVIDIA Triton Inference Server**, an open-source AI inference server that allows developers to deploy and execute AI models developed with the most popular AI frameworks, enabling them to run and optimize performance in a hardware-agnostic environment.



Eurotech also introduces its **Zero-Touch Provisioning (ZTP)** and **Cybersecurity Wizard** which deliver a smartphone-like experience for AIoT deployments. These unique features work in conjunction with ESF and Everyware Cloud (EC), Eurotech's advanced device management, to simplify the traditionally complex processes associated with secure cloud connection and setup, reducing them to just a few minutes for an entire fleet of devices.

All these new capabilities come bundled in **Everyware GreenEdge**, Eurotech's comprehensive edge-to-cloud framework, which optionally offers pre-loaded edge runtimes and cloud services, such as AWS IoT GreenGrass or AWS IoT Core. When purchased through AWS Marketplace, Everyware GreenEdge enables simplified service integration, management, and billing for users.

With the ReliaCOR 31-11 and ReliaCOR 33-11, Eurotech reaffirms its commitment as a trusted partner of customers in AI-powered industries. From streamlining deployment to ensuring robust security, these devices set new standards in the AI landscape. Their versatility, performance and comprehensive edge-to-cloud framework make them a preferred choice for organizations seeking to enhance their AI capabilities.

The ReliaCOR31-11 and ReliaCOR 33-11 will be available for early access in June 2024, and ready for mass production later this year.

### **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 the view of creating "best in class" solutions for the Industrial Internet of Things.

[Learn more](#)

### **Contacts**

#### **Corporate Communication**

Federica Maion

Tel. +39 0433 485411

[federica.maion@eurotech.com](mailto:federica.maion@eurotech.com)

