

## Eurotech Continues to Lead Innovation in Embedded and High-Performance Computing: New Designs Featuring 2<sup>nd</sup> Generation Intel Xeon Phi and Intel Atom E39XX

**AMARO (Italy), March 31, 2017** - [Eurotech](#), a long-time leading provider of embedded and high performance computing systems (HPC), announces the two new designs that further expand its portfolio of Intel-based products.

### Intel Atom E39xx (Apollo Lake)

The new E39xx boards and modules will be available both in standard form factors (COM Express Type 10) and in the enhanced Eurotech Catalyst small form factor. The new products target industrial and rugged applications, where extended temperature, conformal coating, extended lifecycle are essential features. Backward compatible with modules based on previous Intel Atom generations, the new E39xx CPU boards enable product updates without requiring internal redesigns.

Professional Services are also available for the new boards, including BIOS personalization, carrier board design, system development and production. Deep module customization and feature changes are also available.

The new E39xx products are [Everyware Software Framework \(ESF\)](#) ready, a commercial, enterprise-ready edition of Eclipse Kura, the open source Java/ OSGi middleware for IoT gateways. Distributed and supported by Eurotech, ESF adds advanced security, diagnostics, provisioning, remote access and full integration with [Everyware Cloud \(EC\)](#), Eurotech's IoT integration platform (separately available).

More details on Eurotech products based on the Intel Atom E39xx (Apollo Lake) will be available during Q2 2017.

### Intel Xeon Phi (Knights Landing F)

The Eurotech [Aurora Tigon v4](#) is the flagship product of the Eurotech hybrid HPC systems line and its new model adds support for the second generation Intel Xeon Phi Processor to the configuration options. With up to 72 cores (288 threads) per CPU the Xeon Phi brings new levels of performance in the datacenter: the Tigon is one of the most powerful and power efficient supercomputers on the market, featuring up to 18.432 CPU cores and 256 Nvidia Kepler GPUs at less than 100KW per rack.

Among the unique features of Eurotech Aurora Tigon, the direct liquid cooling system delivers precision and ultra-efficient cooling to all components, greatly improving reliability and dramatically cutting operational costs when compared to traditional HVAC cooling. More information on Eurotech Aurora Tigon v4 is available on [Eurotech web site](#).

*"By introducing these new products, Eurotech shown once more the breadth of our vision, which spans from low power boards, up to the most extreme performance, both in the field and in the datacenter."* said Giuseppe Surace, Eurotech's Chief Product and Marketing Officer. *"Our product portfolio is shaped by the needs of our customers, whose applications range from highly connected and rugged IoT devices up to massive parallel calculators that often provide the backbone for a multitude of services."*

**About Eurotech**

Eurotech (ETH:IM) is a global company that designs, creates and delivers full Internet of Things solutions, including services, software and hardware to leading systems integrators and enterprises large and small. With Eurotech's solutions in place, clients have access to the latest open source and standardized software stacks, flexible and rugged multi-service gateways and sophisticated sensors to bring actionable data from the field into business operations. Working with world-class ecosystem partners, Eurotech delivers on the promise of the Internet of Things either from end to end, or with best in class building blocks, including device and data management, connectivity and communication platform, intelligent edge devices and smart objects following business models that fit today's business world. Learn more about Eurotech at [www.eurotech.com](http://www.eurotech.com).

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**About Eurotech**

Eurotech is a global company (ETH:IM) that creates hardware and software and combines them with its professional services and expertise to deliver embedded computing platforms and sub-systems to leading OEMs, system integrators and enterprise customers for successful and efficient deployment of their products and services. Drawing on concepts of minimalist computing, Eurotech lowers power draw, minimizes physical size and reduces coding complexity to bring sensors, embedded platforms, sub-systems, ready-to-use devices and high performance computers to market, specializing in defense, transportation, industrial and medical segments. By combining domain expertise in wireless connectivity as well as communications protocols, Eurotech architects platforms that simplify data capture, processing and transfer over unified communications networks. Our customers rely on us to simplify their access to state-of-the-art embedded technologies so they can focus on their core competencies. Learn more about Eurotech at [www.eurotech.com](http://www.eurotech.com).

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