

Eurotech Announces the Catalyst AL, a Rugged Low-power Embedded Module Based on Intel® Atom™ “Apollo Lake” CPUs

The new module ensures high-performance computing while maintaining low power consumption for embedded applications requiring high reliability, continuity and long-life cycle

AMARO (Udine, Italy), February 26th, 2019 – Eurotech, a long-time leading provider of embedded computing systems and leader in the Internet of Things (IoT) enablement, expands its portfolio of embedded boards and modules with the new Catalyst AL small form factor module for low-power applications in rugged and fanless embedded systems.

Powered by the Intel Atom E3900 “Apollo Lake” processor family, the Catalyst AL is a small form factor Computer On Module (COM) designed to deliver high computing performance while maintaining a very low power consumption. It is available in dual and quad core versions, with up to 8GB of RAM with ECC, up to 32GB of eMMC and two SATA interfaces.

Measuring just 100x67mm and with an operating temperature range of -40 to +85°C the Catalyst AL is designed to ensure high reliability and operational continuity in demanding, long-life cycle applications in the harshest Industrial and Transportation environments. Moreover, it provides a drop-in replacement for previous Catalyst generations (Catalyst BT, TC and XL), requiring minimal or no changes to existing carrier boards.

Thanks to the Intel HD Graphics 50x GPU, the Catalyst AL it can drive up to three simultaneous independent screens, supporting MIPI camera input and HD audio. It also accelerates the implementation of field and system interfaces by providing high speed serial, USB 3.0 and 2.0, Gigabit Ethernet and GPIOs.

The Catalyst AL provides a fast go-to-market solution for IoT projects of any size: like other Eurotech embedded boards and modules, it is compatible with Everyware Software Framework (ESF), the IoT Edge Framework that adds advanced security, diagnostics, provisioning, remote access and full integration with the Everyware Cloud™ (EC) and other cloud services.

The Catalyst AL will be available for orders from Q4 2019.

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

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