

Eurotech Presents a New Rugged COM Express Module Featuring the Intel Atom E3900

The CPU-163-16 has a rugged design to ensure reliable operations for fanless applications in harsh environmental conditions

Amaro (Italy), April 9th, 2020 – Eurotech, a long-time leading provider of embedded computing systems and leader in the Internet of Things (IoT) enablement, announces the availability of its CPU-163-16, a fanless and rugged COM Express module for Industrial, Transportation and Defense applications at the Edge.

The CPU-163-16 is a COM Express Type 10 module with a Mini form factor (84x55mm). It features the power efficient Intel Atom E3900 processor family with 2 and 4 cores, up to 8GB ECC RAM and up to 64GB eMMC.

Its rugged and fanless design makes it ideal whenever long life cycle, resistance to shock and vibration and reliable operation is needed; extended operating temperature range, a full soldered down design (CPU, RAM and Flash), and optional conformal coating add even more resilience in harsh environmental conditions.

The CPU-163-16 is a versatile building block for fanless embedded and connected systems: supported operating systems include Eurotech Everyware Linux and Windows 10 IoT Enterprise.

Eurotech Professional Services are available for custom carrier board design, customer carrier board enablement and to support the full integration with Eurotech's IoT Edge Framework [Everyware Software Framework \(ESF\)](#), providing native connectivity with many IoT Cloud services and among them, [Everyware Cloud](#) (EC – separately available), Eurotech's IoT Integration Platform, which allows remote device and data management and integration with analytics and IT applications.

“The CPU-163-16 is a real workhorse for fanless applications at the Edge” stated Pierfrancesco Zuccato, Eurotech's Senior Product Manager. “Its adoption in new designs dramatically speeds up the Time to Market for fanless systems. At the same time, it is a great component to refresh existing systems with minimal engineering effort.”

The CPU-163-16 will be available from early Q2 2020.

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 Gateway to enable asset monitoring and to High Performance Edge Computers (HPEC) conceived also for Artificial Intelligence (AI) applications. To offer increasingly complete solutions, Eurotech has activated partnerships with leading companies in their field of action, thus creating a global ecosystem that allows it to create "best in class" solutions for the Industrial Internet of Things. [Learn more](#)

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