Eurotech CPU-162-23 COM Express Type 7 Basic Module Delivers Intel® Xeon® Performance At The Edge

A rugged Intel® Xeon® D-1500 CPU module that brings data center-class computing capabilities to the Field, for High Performance Embedded Computing applications

AMARO (Udine, Italy), May 8th, 2019 – 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-162-23, a fanless COM Express module designed to deliver supercomputing processing and data center-grade performance at the Edge and in rugged embedded systems.

The CPU-162-23 is a COM Express Type 7 module with a Basic form factor (125x95mm). It combines the power of the Intel® Xeon®/Pentium® D-1500 processor family – up to 16 cores - with up to 4x DDR4 SO-DIMM modules for a total capacity of 64GB of RAM with ECC to bring server-class performance to the Field.

In addition, the module delivers many high-speed interfaces for extreme expandability and networking capabilities: up to x32 PCI Express lanes, 2x 10Gbps and 1x 10/100/1000Mbps Ethernet ports. Other interfaces include 2x SATA 3.0, 4x USB 3.0 and 4x USB 2.0.

Its rugged and fanless design makes it ideal for a variety of Industrial and Transportation applications: it ensures reliable performance in an extended operating temperature range (-40 to +85°C); the soldered-down CPUs and ECC memory further increase reliability in demanding applications.

The CPU-162-23 is a versatile building block for very powerful stand-alone and connected IoT Edge nodes for Cloud computing: it provides full integration with Eurotech IoT Edge Framework Everyware Software Framework (ESF), providing native connectivity with many IoT Cloud services. Among them, Everyware Cloud (EC – separately available), Eurotech IoT Integration Platform, allows remote device and data management and integration with analytics and IT applications.

"The CPU-162-23 enables unprecedented computing performance for a wide range of applications in the Field" stated Giuseppe Surace, Eurotech CP&MO. "It enables the creation of powerful Edge nodes that perform their functions close to the end user to greatly improve latency and bandwidth in high-end applications".

The CPU-162-23 will be available from Q3 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

Corporate Communication

Giuliana Vidoni
+39 0433 485 462
giuliana.vidoni@eurotech.com