

Eurotech Announces the DynaCOR 40-35 Rugged NAS HPEC System

Powered by Intel® Xeon® D2100 CPUs, the new DynaCOR 40-35 delivers up to 123TB of scalable NVMe storage and 6GByte/s ultra-high speed network data transfer rates

Amaro (Italy), November 18th, 2019 - Eurotech, a long-time leading provider of embedded, Edge AI and general purpose HPEC systems and a global leader in Internet of Things (IoT) enablement, has added the [DynaCOR 40-35](#) to its High Performance Embedded Computing (HPEC) product portfolio. The DynaCOR 40-35 is a liquid-cooled, customizable NAS HPEC system designed for extreme storage capacity and high speed data transfer rates in data-intensive applications at the Edge.

The DynaCOR 40-35 brings unprecedented network storage capabilities to harsh and mobile field environments: it can reach 123TB of raw capacity supporting up to 16x 7.68TB NVMe drives. Additionally, two 100 Gigabit Ethernet ports allow for sustained data transfer rates of up to 6GBytes/second. The system also supports advanced RAID configurations to provide extra performance and data protection.

“With the DynaCOR 40-35, the Eurotech [HPEC portfolio](#) reaches a new level for rugged high-performance storage systems” commented Pierfrancesco Zuccato, Eurotech’s Senior Product Manager “This rugged HPEC NAS is an answer to the increasing demand for hyperconverged infrastructures in the field. Automotive applications, such as [Level 5 Autonomous Driving](#), is only one example of use cases that require data-center class performance and capability in an operating environment that can be extremely harsh”.

The DynaCOR family of high performance computing and storage systems are fanless and ventless for use in a broad range of harsh environments and demanding Edge applications. The DynaCOR 40-35 compact design – only 17.7 x 19.2 x 49.5 cm - enables installation in applications where space is at a premium without requiring ventilation thanks to Eurotech’s advanced liquid cooling technology.

The system is pre-certified for shock/vibration and other harsh environmental and electrical certifications in a broad range of mobile and vehicular applications. It can be simply integrated in traditional, hybrid and electric vehicles thanks to an automotive isolated power supply (12VDC and 48VDC). It can also be customized to meet application-specific certifications through Eurotech Professional Services.

The DynaCOR 40-35 belongs to the Eurotech HPEC portfolio, which includes also [rugged computational units](#) and [high performance, rugged switches](#) for [Edge AI](#) and HPEC applications.

Visit our booth #1594 at [SuperComputing 2019](#) in Denver, CO to learn more.

The DynaCOR 40-35 is expected to be available starting from Q1'20.

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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