

PRODUCTS

Unique nanoSOM is released to market

Arrow Electronics has collaborated with EXOR Embedded to create nanoSOM nS02 based on ST32MP1 800Mhz version, a full production design and an additional development kit featuring a high-performance, energy-efficient system on module (SOM) for IoT edge deployments.

[Read more on nanoSOM nS02](#)

[Read more on OpenHMI nS02](#)

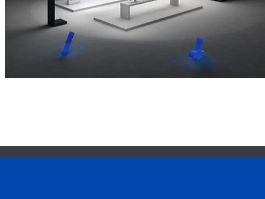
STM32MP157
up to 800 Mhz



Made BY an exhibitor, FOR exhibitors

This is not our core business of course, but after Virtual Experience #1 we received a few requests to use the platform. In responding to these requests we have developed a market offering. Maybe your organization would be interested?

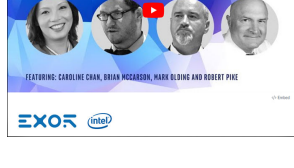
[Learn more of the Virtual experience and its Uses](#)



VIRTUAL PANEL EVENT

Industry 4.0 - Rethinking Manufacturing in the World of 5G and AI

Industrial enterprises are deploying edge platforms closer to where data is created to support advanced vision and networking applications. A rising number of factories are relying on vision/AI techniques for improving manufacturing processes and quality control. In this panel, we will hear from EXOR and Intel executives on key challenges for realizing Industry 4.0 and how Intel technologies are bringing 5G & AI capabilities to factories.



Live Q&A session

14th July 19:00 to 20:00 CEST

[Register here](#)

[See the previous session](#)

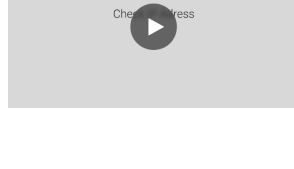
WEBSITE IMPROVEMENTS

New JMobile 4.0 FAQ Video

We uploaded the following videos:

Check IP Address , Date & Time Custom Format , MultiState Image , Scheduler Table Security , Trends , Tag Scaling , BACnet Server and Scanner , MQTT , Import/Export Messages , Array Support , Live Tags Support , Redesign (Projects, Alarms, Tags..) , Unified Project.

[Watch JMobile 4.0 FAQ Video](#)



Compatible plug-in sections in each product page

In our continued effort to improve our customers' journey, we have added to every product page the compatible plug-in accessories: from CAN, KNX, Modbus, I/Os, modem etc.

[Go to Example Product Page in English](#)

[Vai al una pagina prodotto in Italiano](#)

[Gehen Sie zur Beispielproduktseite auf Deutsch-Katalog](#)



Compatible Plug-in and Accessories



CODESYS V3 SAMPLE



PLCM01 CAN Module

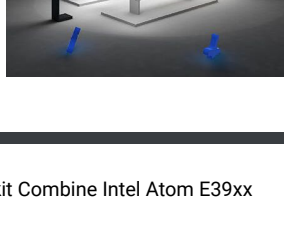
PRESS

Panasonic e EXOR International insieme per Virtual Experience

EXOR ha deciso di sviluppare un ambiente virtuale da zero, utilizzando le competenze digitali presenti in azienda.

Questo ambiente si chiama, Virtual Experience, e Panasonic ha scelto di unirsi a questa nuova esperienza.

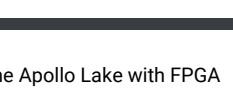
[Only Italian Version](#)



EXOR GigaSOM GS01 SoM and Devkit Combine Intel Atom E39xx CPU and Cyclone 10 GX FPGA

EXOR International has worked in collaboration with Arrow Electronics to design and manufacture GigaSOM GS01 system-on-module combining an Intel Atom E39xx Apollo Lake processor and Cyclone 10 GX FPGA.

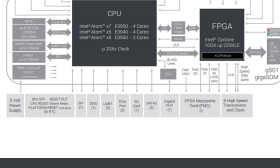
[Read more in English](#)



Linux-driven module and dev kit combine Apollo Lake with FPGA

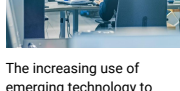
Exor and Arrow announced a "GigaSOM GS01" module and 10GbE equipped dev kit that runs RT Linux on an Apollo Lake along with a Cyclone 10 GX FPGA. The products offer TSN, fieldbus protocol, and Corvina Cloud support. .

[Read more in English](#)



ARTICLES

What is the Difference Between a Simulation and a Digital Twin?



The increasing use of emerging technology to simplify complex tasks has proved rewarding across every industry in diverse ways.

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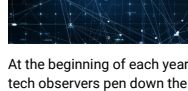
The Automating of Predictive Maintenance



Everyone in the industrial manufacturing community has heard stories about downtime.

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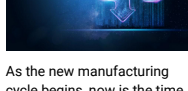
Why You Cannot Ignore Digitalization



At the beginning of each year, tech observers pen down the trends expected to define industrial endeavors for the entire year for enterprises.

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Four Tips for Choosing the Best Cloud Computing Technology for Your Manufacturing Enterprise



As the new manufacturing cycle begins, now is the time to make decisions that will increase productivity levels, equipment efficiency, and product quality.

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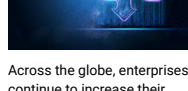
How to Build an IIoT Business Case That Decision-Makers Will Accept



Statistics show that 98% of enterprises intend to pursue a digital-first approach to optimize their business processes.

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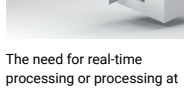
What are the Advantages of Cloud Computing in Industrial Settings?



Across the globe, enterprises continue to increase their productivity levels and revenue projections by leveraging cloud computing and the digitalization it brings.

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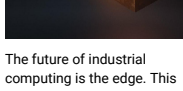
Where Will Edge Devices be Managed, at the Edge or in the Cloud?



The need for real-time processing or processing at the speed of thought is the foundation behind edge computing.

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What Does the Future of Industrial Edge Computing Look Like?



The future of industrial computing is the edge. This is easy to note today as statistics point to approximately 75 billion connected devices across the world by 2025.

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What are Edge Computing Devices?



The effectiveness of edge computing in industrial settings is such that many believe it will surpass the use of cloud computing within a decade.

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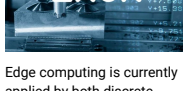
How Edge and Cloud Computing Combine to Create Industrial Automation Platforms



The increased edge computing rate is simplifying industrial processes in new ways but the data sets edge devices capture sometimes require larger repositories for more insight into industrial automation processes.

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Industrial Edge – Practical Use Cases: CNC



Edge computing is currently applied by both discrete event manufacturers and continuous manufacturing facilities to capture shop floor data and other data processing tasks.

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The Key Benefits of Mobile Edge Computing



The future of edge computing points at the development of mobile solutions and edge hardware that will simplify the integration of the edge in both greenfield and brownfield facilities.

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