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## HEITEC at the "embedded world 2024" – Highlights

### Presentation of a new, black industrial PC enclosure line for customer-specific expansion

#### Exhibits with different levels of added value and sample demonstrations from a wide range of markets underline the benefits of customized system integration

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Eckental, March 25, 2024 - At "embedded world 2024" in Nuremberg (April 9 to 11, 2024), HEITEC presents new products in the subrack range - including a new, black industrial PC enclosure line - as well as current, tailor-made system solutions at various integration levels for different application areas such as transportation, medical technology and energy technology in **hall 5 / booth 5-121**. These illustrate the path from conception to design, production and testing through to lifecycle management, which also includes redesigns and the special criteria that must be met.

#### New IPCs and subracks for modular solutions and fast time to market

For the first time, HEITEC presents an industrial PC enclosure line in modern black. Consisting of three variants, it offers different features such as front connections for fast connectivity or lockable front doors to protect against unauthorized access - perfect for industry, the medical sector and applications with artificial intelligence.

The heavy-duty IPCs in 4 U are designed for installation in 19" cabinets and to accommodate expansion cards as required. They are supplied pre-assembled, wired and tested with fan, slot cover and optional USB front connections. Two variants are ideal for 24/7 operation, as filter mats and fans can be replaced during operation. Extensive accessories make all IPCs adaptable all-rounders for a wide range of applications, regardless of whether high CPU and graphics power, continuous operation or fail-safe operation are required. With its look, the line also meets the increasing customer demand for appealing designs that are now adapted to the expectations of end customers, have an inviting appearance and are visually oriented towards the consumer market. Individual customization, colour designs and labeling are of course also possible.

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Two 12 U HeiCases from the subrack range serve as housings for 3 of the new IPCs and an advanced HeiCool fan solution to underline the flexibility of the line for modular and convenient 19" designs and to demonstrate the associated variability. The HeiCase line impresses with its modern, yet extremely stable construction and high functionality. With an extensive range of accessories, it is ready for individual configurations and extensions. Black decorative elements and rubberwheels for heavy loads and with EMC function are the new features here.

## **Optimized hardware performance and lower TCO thanks to FPGAs and modules**

Examples of module, board and FPGA (Field Programmable Gate Arrays) designs are also on display. HEITEC uses the potential and versatility of FPGAs and modules to realize efficient hardware solutions for its customers. They have proven to be useful aids for customizing, optimizing and expanding hardware functionalities. With their help, system designs can be made future-proof and more powerful with lower total system costs (total cost of ownership).

## **Customized system integration: examples from various industrial sectors**

Using a series of industry-specific exhibits from the fields of transportation, medical technology and energy technology, HEITEC is demonstrating its expertise in the realization of tailor-made modules and systems of varying degrees of sophistication. These consist of different proportions of software, mechanics and electronics, standard components and individualized designs that precisely meet the requirements. The solutions are designed, developed, checked, tested and manufactured under certified conditions and with established processes and reflect the bundling of in-house synergies in order to keep costs as low as possible. There is also a focus on the topics of change and modernization as well as obsolescence management and the important role of test capacities for quality assurance, particularly considering the requirements of regulated industries.

**Location: Hall 5 / booth 5-121**

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Further Information:

[HEITEC auf der embedded world 2024 - HEITEC Elektronik](#)

[Company profile of HEITEC AG](#)

HEITEC stands for industry expertise in automation, digitalization and electronics and offers solutions, products, and services. HEITEC enables over 2,000 customers to increase their productivity and optimize their products by providing technologically high-quality, reliable, and cost-effective solutions. A workforce of over 1,200 employees at numerous locations worldwide provides high-quality industry know-how and expertise to our customers.

In the business unit electronics, HEITECs experience ranges from defining system architecture and developing and implementing individual components to manufacturing and integrating entire systems – all for the entire lifecycle of systems. Coordinated processes guarantee excellent quality and provide the flexibility to adapt rapidly when new application requirements call for it.

For further information, please visit <https://elektronik.heitec.de/en/>

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*Picture:*

*The new booth of HEITEC hall 5, booth 5-121*