

Connect IoT Bundle

The IoT gateway for easy integration of data interfaces in production

Are you looking for a reliable solution to easily connect your machines and equipment? The Kontron susietec® Connect IoT bundle offers exactly that: an optimized combination of the KBox A-251-AML/ADN industrial-grade PC and FabEagle®Connect integration software. This is how you can integrate data interfaces quickly and easily.

Thanks to the low code configuration dialogs, you can get started in no time. After just a short period of training, you will be able to configure standardized interfaces for your IoT applications. With a certain level of expertise, you can also develop your own components for additional logic or data transformation for individual requirements that go beyond the standard.

Whether you use standard protocols or prefer an open framework, the Connect IoT bundle gives you every opportunity you need to bring your digital manufacturing



FabEagle®Connect



KBox A-251-AML/ADN

Your advantages



Quick familiarization



Flexible and customizable



Cost saving

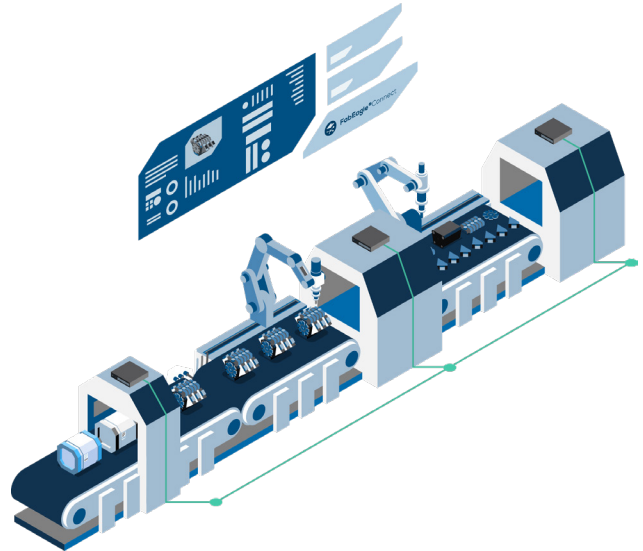


Versatile



Always reliable

- **Quick familiarization:** The low-code integration software allows you to get started quickly.
- **Flexible and customizable:** Adapt the solution to your needs and scale it according to your requirements.
- **Reduce costs:** Save time and money with quick and easy integration into your existing processes.
- **Versatile in use:** Use the support of a wide variety of protocols for a wide range of applications.
- **Reliable at all times:** Thanks to regular updates and fast support, your machines and systems run reliably and stably.



Features of the Connect IoT bundle at a glance

Simple configuration and customization

- Guidance through low-code dialogs
- Import and export of configurations
- User roles for clear administration

Low-code components for data interfaces

- Prepared component types contain all important settings and parameters
- IoT interfaces with MQTT and REST client
- Industry standards such as OPC UA, TCP/IP and Modbus

Connection of SQL databases

- Write and read directly from SQL databases
- Connection of MS SQL Server, Oracle DB, PostgreSQL, DB and SQLite DB

Edge logic with C# component

- Framework component for individual logics with C#
- Transformation of message structures and contents

Gateway for Industry 4.0

- Intel® N97, Core™ i3-N305 or Atom® x7000RE processors
- Based on powerful 2.5" single board computer
- Options for Wi-Fi, LTE/5G, additional GbE, serial ports and GPIOs

Versatile solutions for secure connection and integration

Cloud gateway for secure connection to the cloud

- Dedicated separation of the local network from the web for high network security
- Integrated edge logic to prepare data for the cloud

Box PC for machine connection

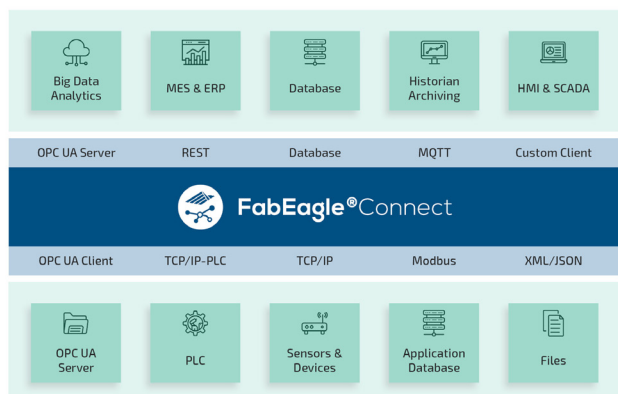
- Box PC for industrial environments for mounting directly on the machine or in the control cabinet
- Proven data interfaces such as Modbus, TCP/IP and OPC UA

Data gateway for automation technology and existing machines

- GPIO port for recording simple digital signals
- Special solutions with C# framework component

Low-code integration: configuring data interfaces instead of programming them

FabEagle®Connect is a powerful interface integration software. With reusable components and guided configuration dialogs, you can create functional interface configurations in the shortest possible time. The software is based on a modular principle with prepared components. Each component takes on a specific task, be it the implementation of an interface protocol or the conversion of message types and structures or the free programming of individual components with C# code.



By combining these components correctly, you can efficiently connect data sources and sinks and translate between protocols. This flexible architecture makes it easy for you to get started with standard applications and at the same time allows you to implement complex solutions for special requirements. This means you are ideally positioned for the growing challenges of your production.

Data interfaces in production

FabEagle®Connect offers you complete standardization of the integration level between store floor and IT systems – all in a single solution. This considerably simplifies the integration and maintenance of a wide variety of interfaces. Even if your company uses specific systems with non-standardized interfaces, FabEagle®Connect supports you with freely programmable code components to seamlessly connect your special solutions.

In addition to the interface protocols, IT infrastructure and data architecture are also crucial to your success in digitalization. The multitude of these requirements can make it difficult to introduce new solutions during ongoing operations or to integrate them into existing software. That's why we not only offer you the FabEagle®Connect low-code integration software, but also support from experienced teams of experts in the areas of interface integration and data architecture for your integration projects. This allows you to concentrate fully on your core business while we take care of the technical integration for you.

Gateway KBox A-251-AML/ADN for Industry 4.0

The industrial-grade KBox A-251-AML/ADN is an extremely compact industrial PC based on the new Intel Atom® x7000RE processors, Intel® N97 or Core™ i3-N305 processors.

The industrial-grade KBox A-251-AML/ADN was specially designed for demanding IoT gateway applications in an industrial environment. At the heart of the industrial PC are the latest generation processors from the Intel Atom® X7000, Intel® N and Intel® Core™ i3 N series with up to eight cores and a maximum of 16 GB DDR5 memory. In addition to a DisplayPort and two 2.5GbE interfaces, the new KBox A-251-AML/ADN also has three USB 3.2 ports, including a USB-C port, as well as a USB 2.0 port and an RS232 serial interface. The KBox A-251-AML/ADN can be expanded with a wide range of functionalities using the two internal M.2 expansion slots, enabling the integration of SSDs, fieldbuses, and wireless technologies such as 4G/5G or WiFi 6 connectivity.



**Contact us for further
questions**

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