

KBox Family IOT GATEWAYS/ EMBEDDED BOX PC



- **SMART AUTOMATION**
Industrial IoT applications, edge computing
- **MAINTENANCE FREE**
Reducing TCO – driving system availability
- **FOREVER YOUNG**
Maximum innovation – minimum investment

POSSIBILITIES START HERE 

IOT GATEWAYS/EMBEDDED BOX PC

Kontron's KBox family offers intelligent gateways for IoT edge applications including fieldbus connectivity. For control, inspection and data collection tasks on the factory floor powerful and maintenance-free Box PCs with a maximum of flexibility and expansion capabilities are provided.

The KBox A-series is designed for a variety of applications in the industrial environment. It comprises intelligent IoT gateways for edge analytics or remote monitoring as well as systems for control and process optimization. All systems feature a fanless design which ensures a significantly prolonged lifespan and high system availability.



- **KBox A-SERIES**
Compact and flexible Box PC for IoT Gateway Applications
 - Intelligent IoT gateways for edge analytics, data acquisition & remote monitoring
 - Scalable processor performance from Intel Atom® to 11th Gen Intel® Core™ i series
 - Compact, fanless system designs
 - Broad range of interfaces and expansion capabilities
 - Options for Fieldbus, WIFI, LTE/5G
 - Various mounting options e.g. DIN rail, desktop, wallmount, cabinet

The KBox B-Series is based on Kontron's mini-ITX motherboard family offering highest performance with desktop CPUs. Kontron's KBox B-Series can be used for various applications such as medical, gaming, process control, wherever high performance is needed.



- **KBox B-SERIES**
High Performance Desktop PC with Wide Extension Capabilities
 - High processing capability: 8th/9th Gen Intel® Core™ i3/i5/i7
 - Low noise design with internal silent fan
 - Small form factor with mITX motherboard
 - RAID functionality with up to four storage devices
 - PCIe expansion slots for graphics, network cards or other PCIe cards
 - Smart Storage version with 2 additional 2.5" SSD or a 3.5" HDD up to 12 TByte
 - WiFi functionality

Kontron's KBox C-Series is designed for the industrial control cabinet environment. Based on COMe modules the KBox C-Series is highly scalable and ensures simple upgrades whenever needed. The availability of different housing options guarantees mounting even when space is limited. With its broad range of interfaces, various storage capabilities and expansion slots, the KBox C-Series maximizes flexibility and eases adaptation to the specific application needs.



- **KBox C-SERIES**
Powerful Industrial Box PC for Control, Inspection & Data Collection
 - Processor performance up to 11th Generation Intel® Core™ or Xeon® W for demanding applications
 - Highest system availability: Fanless up to 65 °C, redundant PSU option, recovery button, goldcap backup
 - Optimized for control applications: Fieldbus integration & NVRAM option
 - High flexibility and expandability: Up to 4x PCIe Slots, mPCIe & M.2, 4x GbE/2.5 GbE, 6x USB, up to 3x DP, ...



About Kontron

Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontron provides secure and innovative applications for a wide variety of industries. As a result, customers benefit from accelerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: www.kontron.com

About the Intel® Partner Alliance

From modular components to market-ready systems, Intel and the over 1,000+ global member companies of the Intel® Partner Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enables Alliance members to innovate with the latest IoT technologies, helping developers deliver first-in-market solutions.

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