

# KBox A-150-BYT

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## DIN RAIL Industrial Computer Platform for Control & Process Optimization

- ▶ High performance with Intel® Celeron® J1900 Quad Core™ processor
- ▶ Fanless passive cooling, turnable heatsink optional
- ▶ Flexible DIN RAIL mounting
- ▶ Broad range of interfaces and expansion capabilities
- ▶ Supports Kontron APPROTECT based on WIBU Systems Technology optionally

POSSIBILITIES START HERE



## KBox A-150-BYT

### DIN RAIL Embedded Box PC

Developed specifically for control cabinet applications the new KBox A-150-BYT offers flexible DIN Rail mounting positions even when space is limited. The fanless design ensures a significantly prolonged lifespan and high system availability.

The KBox A-150-BYT offers high processor performance at low power dissipation by an Intel® Celeron® J1900 Quad Core processor.

The KBox A-150-BYT supports Kontron's Security Solution APPROTECT based on WIBU Systems Technology on request. In tandem with a specifically developed software framework, it provides full IP and copy/reverse engineering protection through its optional WIBU-Systems security chip.

The KBox A-150-BYT is Microsoft Azure Certified, which makes it perfectly suited for working with Microsoft Azure IoT services.

#### ► TECHNICAL INFORMATION

<b>PROCESSOR</b>	<b>CPU SPEED BIOS</b>	Intel® Celeron® J1900 Quad Core 2.0/2.4 GHz (Burst) AMI® Aptio V5
<b>MEMORY</b>	<b>TECHNOLOGY MAX. CAPACITY</b>	DDR3L 8 GByte
<b>INTERFACES</b>	<b>GRAPHICS PORTS USB  ETHERNET SERIAL PORTS</b>	VGA, HDMI 2x USB 2.0 1x USB 3.0 2x 10/100/1000 2x RS232/422/485 2x RS232 option
<b>STORAGE</b>	<b>mSATA SSD</b>	Max. 512 GByte optional drive bay for 2.5" Slim SSD
<b>EXPANSION</b>	<b>MINI PCIe/ PCIe</b>	1x mPCIe
<b>SOFTWARE SUPPORT</b>	<b>OPERATING SYSTEM</b>	Windows 7 incl. Emb., Windows 8.1, Windows 10 IoT, Linux
<b>POWER</b>	<b>INPUT VOLTAGE RANGE</b>	9...30 VDC direct
<b>MECHANICAL</b>	<b>CONSTRUCTION MOUNTING DIMENSIONS (W x H x D) WEIGHT</b>	Steel DIN RAIL 180 x 50 x 134 mm (with drive bay: H 58 mm) ca. 1.0 kg
<b>ENVIRONMENT</b>	<b>COOLING OPERATING TEMPERATURE RELATIVE HUMIDITY</b>	Fanless passiv 0 °C - 50 °C ambient 10 %-90 % @ 39 °C, non condensing
<b>APPROVALS</b>	<b>CERTIFICATIONS</b>	CE, Safety EN60950, Emission EN55022 class B

#### ► Global Headquarters

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