

# KBox A-330-MX6

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## Compact Industrial Box PC for the Top Hat Rail – For Control & Gateway Applications

- ▶ Based on NXP i.MX6 Dual Core™ Arm® processor
- ▶ Industrial grade, 10 years availability
- ▶ Fanless compact design for DIN rail, ideal for control cabinet applications
- ▶ Optionally CODESYS PLC, EtherCAT, PROFINET, Modbus, CANopen
- ▶ Secure software stacks and management software on project request

POSSIBILITIES START HERE

# KBox A-330-MX6

Based on the longterm available NXP i.MX6 Dual Core™ Arm® processor the Kontron KBox A-330-MX6 was developed as a compact industrial grade Box PC for the top hat rail, ideal for cost sensitive control and gateway applications e.g. in a control cabinet.

The KBox A-330-MX6 offers numerous interfaces allowing for the connection of various communication layers. RS232/RS485 serial interfaces and the CAN bus expansion are provided for local data collection or linking up to the sensor- or machine environment. Project-based integration of additional protocol stacks as EtherCat, PROFINET and Modbus is a further option.

## ▶ TECHNICAL INFORMATION

<b>PROCESSOR</b>	<b>CPU</b>	NXP i.MX6 Dual Core™ Arm®
<b>PLATFORM CONTROLLER HUB</b>	<b>SYSTEM CHIPSET</b>	Integrated
<b>MEMORY</b>	<b>TECHNOLOGY CAPACITY</b>	DDR3L 1GB, soldered
<b>GRAPHICS</b>	<b>GRAPHICS ENGINE</b>	1080p – 1920x1080
<b>FRONT I/O</b>	<b>USB ETHERNET SERIAL PORTS OTHERS</b>	2x USB 2.0 2x Fast Ethernet 1x RS232, 1x RS485 (switchable CAN) 4x Digital Out (24V/800mA)
<b>REAR I/O</b>	<b>GRAPHICS PORTS</b>	HDMI
<b>STORAGE</b>	<b>INTERNAL DRIVES</b>	4GB eMMC
<b>SOFTWARE SUPPORT</b>	<b>LINUX</b>	Yocto
<b>MECHANICAL</b>	<b>CONSTRUCTION COOLING DIMENSIONS (HxWxD) WEIGHT MOUNTING</b>	Stainless steel Fanless 111 x 25 x 76 mm Approx. 0,26 kg for mounting on 35mm mounting rail acc. to EN 60715
<b>ENVIRONMENT</b>	<b>OPERATING TEMPERATURE STORAGE TEMPERATURE RELATIVE HUMIDITY OPERATING VIBRATION OPERATING SHOCK ALTITUDE</b>	0 °C to +55 °C (32 °F to 131 °F) -20 °C to +80 °C (-4 °F to 176 °F) 93% @ 40 °C, non-condensing 5-500 Hz, 1G acc. IEC 60068-2-6 half sine, 15 g, 11 ms acc. IEC 60068-2-27 5000 m (16400 ft)
<b>POWER SUPPLY</b>	<b>INPUT VOLTAGE RANGE</b>	24 V DC( 9..32V DC)
<b>APPROVALS</b>	<b>CERTIFICATIONS</b>	CE

## Global Headquarters

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