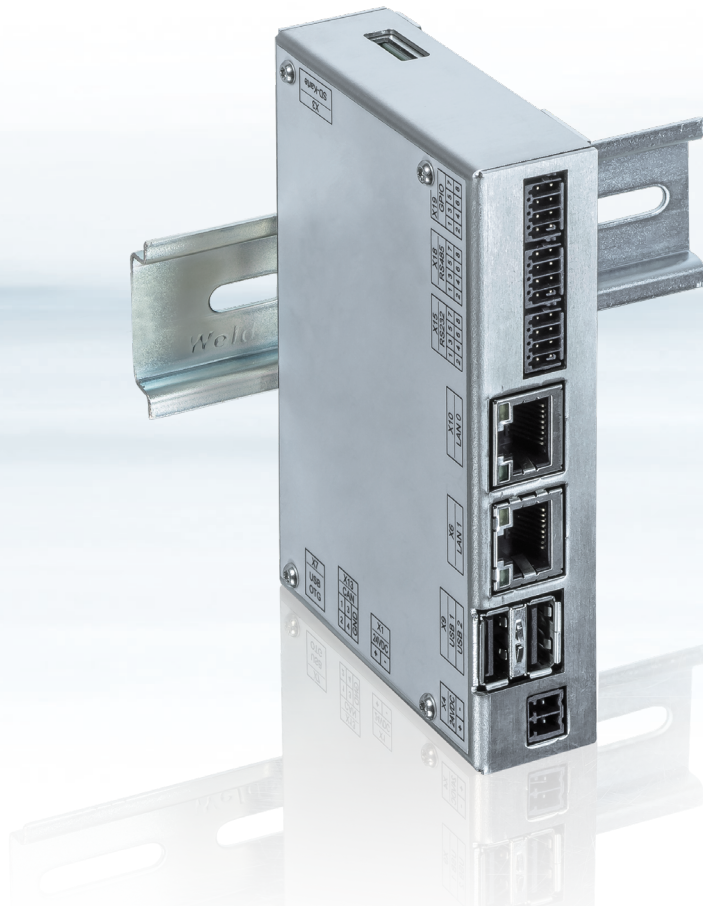


KBox A-330-MX6



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

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

POSSIBILITIES START HERE

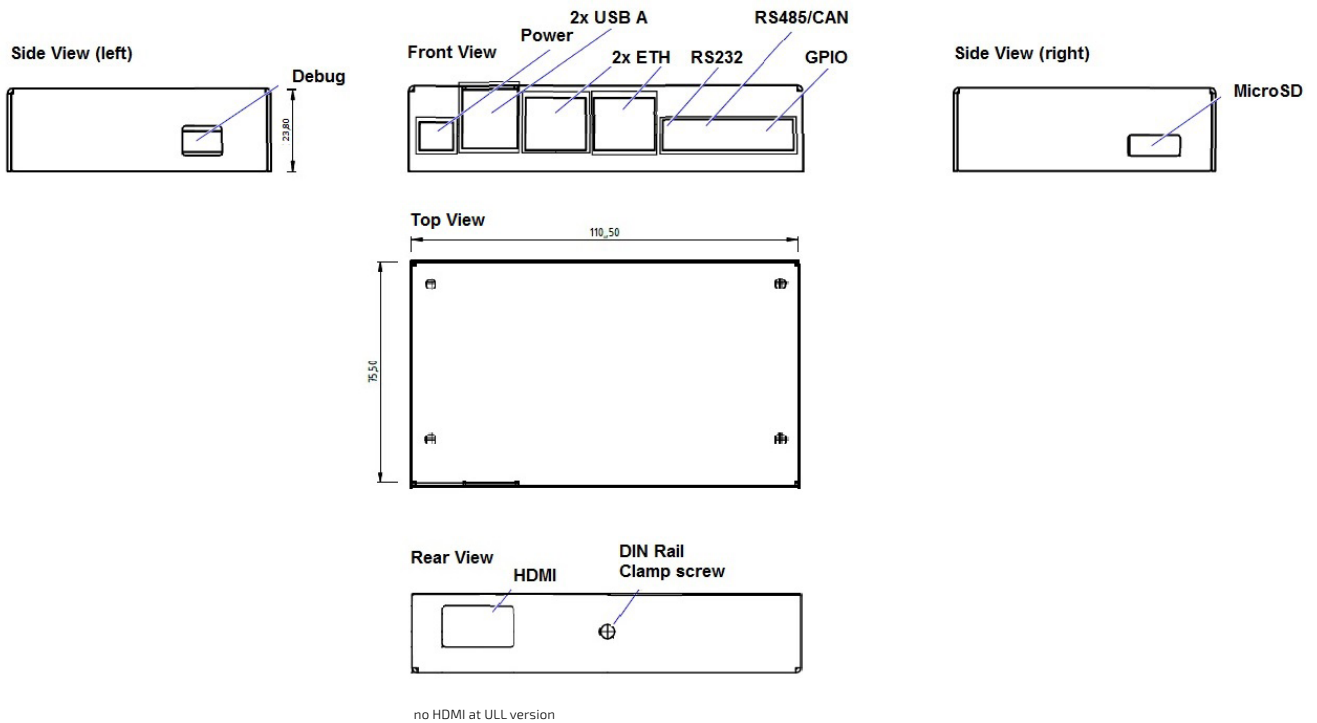
KBox A-330-MX6

Based on the longterm available NXP i.MX6 Dual Core/ULL 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 of the i.MX6 ULL based KBox A-330-MX6 family member.

► TECHNICAL INFORMATION

PROCESSOR	CPU	NXP i.MX6 Dual Core/ULL Arm®
PLATFORM CONTROLLER HUB	SYSTEM CHIPSET	Integrated
MEMORY	TECHNOLOGY CAPACITY	DDR3L 512 MByte (MX6-ULL) or 2G (MX6-DUAL), soldered
GRAPHICS	GRAPHICS ENGINE	1080p – 1920x1080
FRONT I/O	USB ETHERNET SERIAL PORTS OTHERS	2x USB 2.0 2x Fast Ethernet 1x RS232, 1x RS485 (switchable CAN) 4x Digital Out (24 V/800 mA)
REAR I/O	GRAPHICS PORTS	HDMI (not available on ULL version)
STORAGE	INTERNAL DRIVES	4GB eMMC
SOFTWARE SUPPORT	LINUX	Yocto
MECHANICAL	CONSTRUCTION COOLING DIMENSIONS (HxWxD) WEIGHT MOUNTING	Stainless steel Fanless 111 x 25 x 76 mm Approx. 0,26 kg for mounting on 35mm mounting rail acc. to EN 60715
ENVIRONMENT	OPERATING TEMPERATURE STORAGE TEMPERATURE RELATIVE HUMIDITY OPERATING VIBRATION OPERATING SHOCK ALTITUDE	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)
POWER SUPPLY	INPUT VOLTAGE RANGE	24 V DC(9..32 V DC)
APPROVALS	CERTIFICATIONS	CE



ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
KBOX A-330 NXP i.MX6	KBox A-330 MX6 Dual	NXP i.MX6 dual core processor: 2 GByte RAM, 4 G eMMC, 2x USB 2.0, 2x Fast Ethernet, RS232, CAN or RS485, 4x Dig-IO, HDMI, DIN rail housing
	KBox A-330 MX6 ULL	NXP i.MX6 ULL processor: 512 MByte RAM, 4 GByte eMMC, 2x USB2.0, 2x Fast Ethernet, RS232, CAN or RS485, 4x Dig-IO, DIN rail housing

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