KBox A-201

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FANLESS INDUSTRIAL COMPUTER PLATFORM FOR CONNECTED APPLICATIONS

▶ IoT ready – simply connected
▶ modular approach – forever young
▶ wartungsfrei – fanless, battery free

POSSIBILITIES START HERE ● **kontron**

▶ TECHNICAL INFORMATION

PROCESSOR	CPU MAX. SPEED SYSTEM CHIPSET BIOS	Intel® Quark™ SoC X1011 Single-Core 400 MHz Integrated Intel® Quark EDKII UEFI FW
MEMORY	TECHNOLOGY MAX. CAPACITY SOCKET	DDR3L 1 GByte Soldered
INTERFACES	ETHERNET SERIAL PORTS USB	1x GBit Ethernet LAN, 1x Fast Ethernet, IEEE1588 support 2x RS232 (3-wire) 2x USB 2.0
MISCELLANEOUS	WATCHDOG TIMER SIM CARD	✓ SIM Card slot
EXPANSION	miniPCIe	1x full size miniPCIe socket
STORAGE	SD Card	1x microSD socket
SOFTWARE SUPPORT	LINUX	Yocto
POWER	INPUT VOLTAGE RANGE ADAPTER	24 V DC AC to DC 24 V / 2.5 A (60 W) optional
POWER CONSUMPTION	TYPICAL MAX.	5 W 10 W
MECHANICAL	MOUNTING DIMENSION (W X H X D) WEIGHT	DIN RAIL, Desktop, Cabinet 150 x 57 x 95 mm (5.91" x 2.24" x 3.74") 1 kg (2.20 lbs)
ENVIRONMENT	COOLING OPERATING TEMPERATURE RELATIVE HUMIDITY OPERATING VIBRATION OPERATING SHOCK	Fanless -40 °C to +55 °C (-40 °F to 131 °F) 93 % @ at 40 °C non-condensing acc. IEC 60068-2-6, 10 - 50 Hz, 2G acc. IEC 60068-2-27, half-sine, 15g, 11 ms
APPROVALS	SAFETY CERTIFICATIONS	UL / CE

▶ ORDERING INFORMATION

RECOMMENDED CONFIGURATION	CPU	MATERIAL NO.
KBOX A-201	Quark™ X1011, 400 MHz, 1 GByte ECC, 8 GByte microSD card, Wireless LAN	2-A0CW-H011

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