

KBox A-202



FANLESS BOX PC FOR CONNECTED APPLICATIONS

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

POSSIBILITIES START HERE



► TECHNICAL INFORMATION

PROCESSOR	CPU MAX. SPEED BIOS	Intel® Atom™ E3845 4x 1.91 GHz Phoenix SecureCore™
MEMORY	TECHNOLOGY MAX. CAPACITY SOCKET	DDR3L, with ECC 4 GByte Soldered
GRAPHICS	GRAPHICS CORE MAX. RESOLUTION	Intel® HD Graphics Full HD (1920 x 1080)
MISCELLANEOUS	WATCHDOG TIMER	✓
INTERFACES	SERIAL PORTS USB GRAPHICS PORTS ETHERNET	1x RS232, 1x RS485 2x USB 2.0 1x HDMI 2x GbE, IEEE1588 support
EXPANSION	miniPCIe	1x miniPCIe socket for full-size modules, with SIM Card socket
STORAGE	SD CARD FLASH	1x Micro SD card socket 16 GByte onboard flash (eMMC)
SOFTWARE SUPPORT	LINUX	Yocto
POWER	INPUT VOLTAGE RANGE ADAPTER	24 VDC AC to DC 24 V / 2.5 A (60 W) optional
POWER CONSUMPTION	TYPICAL MAX.	5 W 15 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 VIBRATION OPERATING SHOCK MTBF	Fanless -40 °C to +55 °C (-40 °F to 131 °F) 93 % @ at 40 °C non-condensing 5-500 Hz, 2G, acc. to IEC 60068-2-6 15 G, 11 ms, half-sine acc. to IEC 60068-2-27 170.000 h @ 40 °C
APPROVALS	EMC SAFETY CERTIFICATIONS	CE/FCC CB scheme, UL 60950-1

► ORDERING INFORMATION

RECOMMENDED CONFIGURATION	MATERIAL NO.	DESCRIPTION
KBOX A-202	2-AOCW-2001	Baytrail E3845, 4 GByte, 16 GByte eMMC
KBOX A-202	2-AOCW-2002	Baytrail E3845, 4 GByte, 16 GByte eMMC, with WIFI module and antennas

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