KBox A-201

FANLESS BOX PC FOR CONNECTED APPLICATIONS

- IoT ready – simply connected
- modular approach – Forever Young
- wartungsfrei – fanless, battery free

TECHNICAL INFORMATION

PROCESSOR SYSTEM	CPU	Intel® Quark™ SoC X1021
	MAX. SPEED	Single-Core 400 MHz
	SYSTEM CHIPSET	Integrated
	BIOS	Intel® Quark EDKII UEFI FW
MEMORY	TECHNOLOGY	DDR3L
	MAX. CAPACITY	1 GB
	SOCKET	Soldered
ETHERNET	G: 10/100/1000, F: 10/100	1x G / 1x F
	IEEE1588	✓
MISCELLANEOUS	SERIAL PORTS	2x RS232 (3-wire)
	USB INTERFACE	2x USB 2.0
	WATCHDOG TIMER	✓
	OTHERS	SIM Card slot
EXPANSION	MINI PCIE	1x full size MINI PCI_e
STORAGE	SDCARD / COMPACT-FLASH / CFAST	1x Micro SD
SOFTWARE SUPPORT	LINUX	Intelligent Device Platform 2.0 XT, Yocto
POWER REQUIREMENT	INPUT VOLTAGE	6,5 V DC to 32 V DC
	ADAPTER	AC to DC 24 V / 2.5 A (60W) optional
POWER CONSUMPTION	TYPICAL	5W
	MAX.	10W
MECHANICAL	MOUNTING	DIN RAIL, Desktop, Cabinet
	DIMENSIONS (W X H X D)	150 x 57 x 95 mm (5.91" x 2.24" x 3.74")
	WEIGHT	1 kg (2.20 lbs)
ENVIRONMENT	COOLING	Fanless
	OPERATING TEMPERATURE	Industrial grade -40°C to +75°C (-40°F to 167°F)
	RELATIVE HUMIDITY	93% @ at 40°C non-condensing
	VIBRATION	Vibration operational: IEC 60068-2-6 10 - 500 Hz, 2 G
	SHOCK	Shock operational: IEC 60068-2-27 half sine 11 ms 15 G
APPROVALS	SAFETY CERTIFICATIONS	UL ready / CE

ORDERING INFORMATION

RECOMMENDED CONFIGURATION	CPU	Material Number
KBox A-201	Quark X1021	2-A0CW-H002