

Artikelnr.: 387537

UC-2101-LX - Mini RISC-basierter Embedded Computer mit 600 MHz Prozessor

ab **283,57 EUR**

Artikelnr.: 387537
Versandgewicht: 0.20 kg
Hersteller: MOXA



Produktbeschreibung

Moxas kompakte lüfterlose Industriecomputer auf Arm-Basis sind Wireless-fähig und verfügen über umfassende Sicherheitsfunktionen. Sie sind für platzkritische Anwendungen konzipiert. Die Computer sind speziell für den Langzeitbetrieb konzipiert und werden mit 10-Jahres-Support für Moxa Industrial Linux geliefert, was sie zur idealen Wahl für Fernüberwachungs- und Datenerfassungsanwendungen macht. Mini RISC-basierter Embedded Computer mit 600 MHz Prozessor, 1 seriellen Anschluss und 1 LAN-Anschluss. Computer- CPU Armv7 Cortex-A8 600 MHz- DRAM 256 MB DDR3- Storage Pre-installed 8 GB eMMC- Supported OS Moxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOL. Computer Interface- Ethernet Ports Auto-sensing 10/100 Mbps ports (RJ45 connector) x 1- Serial Ports RS-232/422/485 ports x 1, software selectable (DB9 male)- Console Port RS-232 (Tx, Rx, GND), 4-pin header output (115200, n, 8, 1)- Buttons Reset button DIP switch for serial port configuration Ethernet Interface- Magnetic Isolation Protection 1.5 kV (built-in) Serial Interface- Baudrate 50 bps to 921.6 kbps- Data Bits 5, 6, 7, 8- Stop Bits 1, 1.5, 2- Parity None, Even, Odd, Space, Mark- Flow Control RTS/CTS, XON/XOFF ADDC (automatic data direction control) for RS-485 RTS Toggle (RS-232 only)- Pull High/Low Resistor for RS-485 1 kilo-ohm, 150 kilo-ohms- ESD Protection 4 kV, for all signals Serial Signals- RS-232 Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND- RS-422 Tx+, Tx-, Rx+, Rx-, GND- RS-485-4w Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w Data+, Data-, GND LED Indicators- System Power x 1- LAN 2 per port (10/100 Mbps)- Serial 2 per port (Tx, Rx)- User Programmable User x 1 Physical Characteristics- Dimensions (with ears) 73 x 80 x 28 mm (2.87 x 3.15 x 1.10 in)- Dimensions (without ears) 50 x 80 x 28 mm (1.97 x 3.15 x 1.10 in)- Weight 190 g (0.42 lb)- Housing Metal- Installation Wall mounting DIN-rail mounting (with optional kit) Environmental Limits- Operating Temperature -10 to 60°C (14 to 140°F)- Storage Temperature -20 to 70°C (-4 to 158°F)- Ambient Relative Humidity 5 to 95% (non-condensing)- Shock IEC 60068-2-27- Vibration 2 Grms @ IEC 60068-2-64, random wave, 5-500 Hz, 1 hr per axis (without USB devices attached) Power Parameters- Input Voltage 9 to 48 VDC- Input Current 0.45 A @ 9 VDC, 0.084 A @ 48 VDC- Power Consumption 4 W MTBF- Time 1,360,496 hrs- Standards Telcordia (Bellcore) Standard TR/SRR Reliability- Alert Tools External RTC (real-time clock)- Automatic Reboot Trigger External WDT (watchdog timer) Standards and Certifications- EMC EN 55032/35- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kV IEC 61000-4-6 CS: 3 V IEC 61000-4-8 PFMF- Safety IEC 60950-1 UL 60950-1- Green Product RoHS, CRoHS, WEEE

Technische Daten

Hier gehts zum Artikel
Alle Informationen,
tagesaktuelle Preise und
Verfügbarkeiten

