Item no.: 387537

UC-2101-LX - Mini RISC-based embedded computer with 600 MHz processor

from **283,57 EUR**

Item no.: 387537
shipping weight: 0.20 kg
Manufacturer: MOXA

📄 Product Description

Moxa's compact fanless arm-based industrial computers are wireless-capable and have comprehensive security functions. They are designed for space-critical applications. The computers are specifically designed for long-term operation and come with a 10-year support for Moxa Industrial Linux, making them the ideal choice for remote monitoring and data acquisition applications.Mini RISC-based embedded computer with 600 MHz processor, 1 serial port and 1 LAN portComputer- CPUArmv7 Cortex-A8 600 MHz- DRAM256 MB DDR3- Storage Pre-installed8 GB eMMC- Supported OSMoxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOLComputer 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 (TxD, RxD, GND), 4-pin header output (115200, n, 8, 1)- ButtonsReset buttonDIP switch for serial port configurationEthernet 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/XOFFADDC (automatic data direction control) for RS-485RTS Toggle (RS-232 only)- Pull High/Low Resistor for RS-4851 kilo-ohm, 150 kilo-ohms- ESD Protection 4 kV, for all signalsSerial Signals- RS-232 TxD, RxD, 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-, GNDLED Indicators- System Power x 1- LAN 2 per port (10/100 Mbps)- Serial 2 per port (Tx, Rx)- User Programmable User x 1Physical 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- InstallationWall mountingDIN-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 WMTBF- Time 1,360,496 hrs- Standards Telcordia (Bellcore) Standard TR/SRReliability- 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- EMSIEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/mIEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kVIEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kVIEC 61000-4-6 CS: 3 VIEC 61000-4-8 PFMF- SafetyIEC 60950-1UL 60950-1- Green Product RoHS, CRoHS, WEEE

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability