

Item no.: 387539

## UC-2104-LX - Mini-RISC-based embedded computer with 600 MHz processor, 1 LAN connection

from **291,54 EUR**

Item no.: 387539  
shipping weight: 0.30 kg  
Manufacturer: MOXA



### Product Description

The compact fanless arm-based industrial computers from Moxa are wireless-capable and have comprehensive security functions. They are designed for space-critical applications. The computers have been specially developed for long-term operation, making them the ideal choice for remote monitoring and data acquisition applications. Mini RISC-based embedded computer with 600 MHz processor, 1 LAN port, 1 Mini PCIe slot for wireless functions

Computer CPU- Armv7 Cortex-A8 600 MHz  
DRAM- 256 MB DDR3  
Memory Pre-installed- 8 GB eMMC  
Supported operating system- 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  
Console Port- RS-232 (Tx, Rx, GND), 4-pin header output (115200, n, 8, 1)  
Expansion slots- mPCIe slots x 1  
Mobile antenna connector- SMA x 2  
Number of SIMs- 1  
SIM format- Standard  
Buttons- Reset button- DIP switch for configuring the serial interface  
Ethernet interface Magnetic isolation protection- 1.5 kV (built-in)  
Serial interface Baud rate- 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 kiloohm  
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)  
Wireless Signal Strength- Cellular/Wi-Fi x 3  
Physical properties Dimensions (with ears)- 80 x 80 x 30.8 mm (3.15 x 3.15 x 1.21 in.)  
Dimensions (without ears)- 57 x 80 x 30.8 mm (2.24 x 3.15 x 1.21 in.)  
Weight- 220 g (0.49 lb)  
Housing- Metal  
Installation- Wall mounting- DIN rail mounting (with optional kit)  
Environmental conditions Operating temperature- -10 to 60°C (14 to 140°F)  
Storage temperature- -20 to 70°C (-4 to 158°F)  
Relative ambient humidity- 5 to 95% (non-condensing)  
Shock- IEC 60068-2-27  
Vibration- 2 Grms @ IEC 60068-2-64, Random wave, 5-500 Hz, 1 hour per axis (without USB devices connected)  
Performance 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- 1,577.995 hrs.  
Standards- Telcordia (Bellcore) Standard TR/SRR  
Reliability Alarm 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  
Environmentally friendly product- RoHS, CRoHS, WEEE

### Specifications

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

