

Item no.: 385568

## UC-3101-T-EU-LX - Arm-based computer for the EU region with built-in LTE Cat. 1 module

from **600,35 EUR**

Item no.: 385568  
shipping weight: 0.60 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, making them an ideal choice for remote monitoring and data acquisition applications. For more information, please visit our website for Arm Linux IIoT gateway solutions.

Arm-based computer for the EU region with integrated LTE Cat. 1 module, 1 GHz processor, 1 GB RAM, 8 GB eMMC, 2 Ethernet ports, 1 serial port, 1 USB port, -40 to 70°C operating temperature

Computer-CPU: Armv7 Cortex-A8 1 GHz-DRAM: 1 GB DDR3-Supported operating system: Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL See www.moxa.com/MIL-Storage

Pre-installed: 8 GB eMMC

Computer interface

Ethernet ports: Auto-sensing 10/100 Mbps ports (RJ45 connector) x 2

Serial ports: RS-232/422/485 ports x 1, software selectable (DB9 connector)

USB 2.0: USB 2.0 hosts x 1, type A connectors

Mobile phone antenna connection: SMA x 2

SIM format: Nano

Number of SIMs: 2

GPS antenna connection: SMA x 1

Console connection: RS-232 (Tx, Rx, GND), 4-pin header output (115200, n, 8, 1)

TPM: TPM v2.0

Ethernet interface

Magnetic insulation protection: 1.5 kV (built-in)

Mobile radio interface

Band options

LTE bands: Band 1 (2100 MHz) / Band 3 (1800 MHz) / Band 7 (2600 MHz) / Band 8 (900 MHz) / Band 20 (800 MHz) / Band 28A (700 MHz)

UMTS bands: Band 1 (2100 MHz) / Band 3 (1800 MHz) / Band 8 (900 MHz)

Serial interface-Baud rate: 50 bps to 921.60 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)

Serial signals

RS-232: Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND

RS-422: Tx+, Tx-, Rx+, Rx-, GND

RS-485-2w: Data+, Data-, GND

LED indicators

System: Current x 1

Serial: 1 per port (Tx, Rx)

LAN: 1 per port (10/100 Mbps)

Wireless signal strength: Cellular x 3

Performance parameters

Input current: 500 mA @ 12 VDC

Input voltage: 9 to 36 VDC

Power consumption: 6 W (Max)

Physical characteristics

Dimensions (without ears): 128.5 x 89.1 x 26 mm (5.06 x 3.51 x 1.02 in.)

Weight: Product only: 550 g (1.22 lb)

Housing: Metal

Mounting: DIN rail mount, wall mount (with optional kit)

Environmental

Operating temperature: -40 to 70°C (-40 to 158°F)

Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)

Ambient relative humidity: 5 to 95% (non-condensing)

Vibration: 5 Grms @ IEC 60068-2-64, random wave, 5-500 Hz, 1 hr. per axis (without USB devices connected)

Shock: IEC 60068-2-27

Standards and certifications

EMC: EN 61000-6-2/-6-4, 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: 10 V/m

IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV

IEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kV

IEC 61000-4-6 CS: 10 V

IEC 61000-4-8 PFMF

Cellular standards: EN 301511

EN 301908-1

EN 62311 (MPE SAR)

EN 301489-1/-52

EN 301489-1/17-WLAN standards: EN 301489-1-17

EN 300328

EN 301893

Hazardous areas: Class I Division 2

ATEX

IECEx

Green product: RoHS, CRoHS, WEEE

MTBF: 585,775 hours

Standards: Telcordia (Bellcore) Standard

### Specifications

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

