

Item no.: 385576

UC-3111-T-EU-LX-NW - Arm-based computer for the EU region with built-in LTE Cat. 1 module

from **772,05 EUR**

Item no.: 385576
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, 2 serial ports, 1 USB port, 1 SD slot, -40 to 70°C operating temperature

Computer CPU: Armv7 Cortex-A8 1 GHz
DRAM: 1 GB DDR3
Supported operating systems: Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL
See www.moxa.com/MIL
Memory Pre-installed: 8 GB eMMC
Memory slot: SD slots x 1
Computer interface Ethernet ports: Auto-sensing 10/100 Mbps ports (RJ45 connector) x 2
Serial ports: RS-232/422/485 ports x 2, software selectable (DB9 connector)
USB 2.0: USB 2.0 hosts x 1, Type A connectors
Mobile phone antenna connector: SMA x 2
SIM format: Nano
Number of SIMs: 2
GPS antenna connector: SMA x 1
Wi-Fi antenna connector: RP-SMA x 2
Console connector: 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)
WLAN interface WLAN standards: 802.11a/b/g/n, Bluetooth 4.2 compliance
Frequency band: 2.4 GHz/5 GHz
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: Power x 1
Serial: 1 per port (Tx, Rx)
LAN: 1 per port (10/100 Mbps)
Wireless signal strength: Cellular x 3 and Wi-Fi x 3
Performance parameters Input current: 500 mA @ 12 VDC
Input voltage: 9 to 36 VDC
Power consumption: 8 W (Max)
Physical characteristics Dimensions (without ears): 128.5 x 89.1 x 41 mm (5.06 x 3.51 x 1.61 in.)
Weight: product only: 550 g (1.22 lb)
Housing: metal
Installation: 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 VIEC 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-Hazard zones: Class I Division 2, ATEX, IECEx-Green product: RoHS, CRoHS, WEEE
MTBF: TBD
Standards: Telcordia (Bellcore) Standard

Specifications

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

