

Item no.: 385582

UC-3121-T-EU-LX - Arm-based computer for the EU region with integrated LTE Cat. 1 and Wi-Fi

from **774,92 EUR**

Item no.: 385582
shipping weight: 0.60 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 are specifically designed for long-term operation, making them the ideal choice for remote monitoring and data acquisition applications. Arm-based computer for the EU region with built-in LTE Cat. 1 and Wi-Fi a/b/g/n modules, 1 GHz processor, 1 GB RAM, 8 GB eMMC, 2 Ethernet ports, 1 serial port, 1 CAN port, 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 system- Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL- See www.moxa.com/MIL Pre-installed memory- 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 1, software selectable (DB9 connector) USB 2.0- USB 2.0 hosts x 1, type A connectors Mobile 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, D, RTS, CTS, DTR, DSR, DCD, GND RS-422- Tx+, Tx-, Rx+, Rx-, GND RS-485- 2w- Data+, Data-, GND CAN interface Baud rate- 10 to 1000 kbps Connector- DB9 male Isolation- 2 kV (built-in) Signals- CAN_H, CAN_L, CAN_GND, CAN_SHLD, CAN_V+, GND LED indicators System- Power x 1 CAN- 1 per port (Tx, Rx) Serial- 1 per port (Tx, Rx) LAN- 1 per port (10/100 Mbps) Wireless Signal Strength- Cellular x 3 and Wi-Fi x 3 Power 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 mounting- Wall mounting (with optional kit) Environmental conditions Operating temperature- -40 to 70°C (-40 to 158°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Vibration- 5 Grms @ IEC 60068-2-64, Random wave, 5-500 Hz, 1 hour 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 Mobile radio 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 Environmentally friendly product- RoHS, CRoHS, WEEE MTBF Time- 428.931 hours Standards- Telcordia (Bellcore) Standard

Specifications

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

