

Item no.: 385583

UC-3121-T-US-LX - Arm-based computer for the EU region with built-in LTE Cat. 1 and Wi-Fi abgn mod

from **774,92 EUR**

Item no.: 385583
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

Moxa's Arm-based compact fanless industrial-grade computers are wireless-ready and come with comprehensive security features. They are built for space-critical applications. The computers are specifically designed for long-term operations, making them an 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 OS- Moxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOL Storage Pre-installed- 8 GB eMMC Storage 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 male) USB 2.0- USB 2.0 hosts x 1, type-A connectors Cellular 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 Port- RS-232 (Tx, Rx, GND), 4-pin header output (115200, n, 8, 1) TPM- TPM v2.0 Ethernet Interface Magnetic Isolation Protection- 1.5 kV (built-in) Cellular Interface Band Options- LTE Bands: Band 2 (1900 MHz) / Band 4 (1700 MHz) / Band 5 (850 MHz) / Band 12 (700 MHz) / Band 13 (700 MHz) / Band 14 (700 MHz) / Band 66 (1700 MHz) / Band 71 (600 MHz)- UMTS Bands: 2 (1900 MHz) / Band 4 (1700 MHz) / Band 5 (850 MHz)- Carrier Approval: Verizon, AT&T WLAN Interface WLAN Standards- 802.11a/b/g/n- Bluetooth 4.2 compliance Frequency Band- 2.4 GHz/5 GHz Serial Interface Baudrate- 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 CAN Interface Baudrate- 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 Limits Operating Temperature- -40 to 70°C (-40 to 158°F) Storage Temperature (package included)- -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 attached) 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 Carrier Approvals- AT&T- Verizon 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 Locations- Class I Division 2- ATEX- IECEx Green Product- RoHS, CRoHS, WEEE MTBF Time- 474,796 hrs Standards- Telcordia (Bellcore) Standard

Specifications

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

