

Item no.: 385580

UC-3121-T-AP-LX - Arm-based computer for the Asia-Pacific region with built-in LTE Cat. 1

from **780,68 EUR**

Item no.: 385580
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 and come with 10-year support for Moxa Industrial Linux, making them an ideal choice for remote monitoring and data-acquisition applications. For more information, visit our Arm Linux IIoT gateway solution portal site.

Arm-based computer for the Asia-Pacific 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 See www.moxa.com/MIL- 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 1 (2100 MHz) / 3 (1800 MHz) / Band 5 (850 MHz) / Band 8 (900 MHz) / Band 9 (1700 MHz) / Band 18 (850 MHz) / Band 19 (850 MHz) / Band 26 (850 MHz) / Band 28 (700 MHz)

UMTS Bands: 1 (2100 MHz) / Band 5 (850 MHz) / Band 6 (800 MHz) / Band 8 (900 MHz) / Band 19 (800 MHz)

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- EMCEN 61000-6-2/-6-4EN 55032/35- EMI CISPR 32, FCC Part 15B Class A- EMSIEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kVIEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kVIEC 61000-4-6 CS: 10 VIEC 61000-4-8 PFMF- Cellular StandardsEN 301511EN 301908-1EN 62311(MPE SAR)EN 301489-1/-52EN 301489-1/17- WLAN StandardsEN 301489-1-17EN 300328EN 301893- Hazardous Locations Class I Division 2ATEXIECEX- Green Product RoHS, CRoHS, WEEE, MTBF- Time 428,931 hrs- Standards Telcordia (Bellcore) Standard

Specifications

Scan this QR code to view the product

All details, up-to-date prices and availability

