

Item no.: 385569

UC-3101-T-US-LX - Arm-based computer for the US market (ATT, Verizon)

from **606,12 EUR**

Item no.: 385569
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 and come with 10 years of support for Moxa Industrial Linux. This makes them the ideal choice for remote monitoring and data collection applications. For more information, visit our Arm Linux IIoT Gateway Solutions website. Arm-based computer for the US (AT&T, Verizon) with built-in 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 systems: Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL. See www.moxa.com/MIL. Memory Pre-installed: 8 GB eMMC. Computer interface Ethernet ports: Auto-sensing 10/100 Mbps ports (RJ45 connector) x 2. Serial port: S-232/422/485 ports x 1, software selectable (DB9 connector). USB 2.0: USB 2.0 hosts x 1, Type A ports. 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 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). Network operator authorisation: Verizon, AT&T. 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. AutoDC (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. 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. Installation: DIN rail mount, wall mount (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). 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-Carrier approvals: Verizon, AT&T. Mobile 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-Explosive atmospheres: Class I Division 2. ATEX IECEx-Green product: RoHS, CrRoHS, WEEE. MTBF: Time: 702,846 hours. Standards: Telcordia (Bellcore) Standard.

Specifications

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All details, up-to-date
prices and availability

