

Item no.: 385577

UC-3111-T-US-LX - Arm-based computer for the US market (ATT, Verizon)

from **819,92 EUR**

Item no.: 385577
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

The compact, fanless, arm-based industrial computers from Moxa are wirelessly ready for use and have comprehensive security functions. They are designed for space-critical applications. The computers are specifically designed for long-term operation and come with a 10-year support for Moxa Industrial Linux, making them the ideal choice for remote monitoring and data acquisition applications. Arm-based computer for the US region (AT&T, Verizon) with integrated LTE Cat. 1 and Wi-Fi a/b/g/n modules, 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 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 2, 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/D, Rx/D, 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/D, Rx/D, 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 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 Verizon AT&T- Cellular Standards EN 301511 EN 301908-1 EN 62311 (MPE SAR) EN 301489-1/-52 EN 301489-1/17- Radio Frequency IFETEL- WLAN Standards EN 301489-1/-52 WLAN Standards EN 301489-1-17 EN 300328 EN 301893- Safety NOM- Hazardous Locations Class I Division 2 ATEX IECEx- Green Product RoHS, CRoHS, WEEE MTBF- Time 465,569 hrs- Standards Telcordia (Bellcore) Standard

Specifications

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All details, up-to-date
prices and availability

