

Item no.: 385572

UC-3111-T-AP-LX-NW - Arm-based computer for the Asia-Pacific region with integrated LTE

from **772,05 EUR**

Item no.: 385572
shipping weight: 0.70 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 Asia-Pacific region with integrated LTE Cat. 1 module, 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 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 2, 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) / 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
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- ADCC (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 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 55032/35EMI- 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 PFM
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- TBD
Standards- Telcordia (Bellcore) Standard

Specifications

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

