

Item no.: 385621

## UC-5111-T-LX - Arm-based industrial computer platform with Cortex-A8 1 GHz CPU

from **894,03 EUR**

Item no.: 385621  
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, making them an ideal choice for remote monitoring and data acquisition applications. Arm-based industrial computer platform with Cortex-A8 1 GHz CPU, 4 serial interfaces, 2 Ethernet ports, 1 SD slot, 2 CAN ports, 4 DIs, 4 DOs, 1 USB port, -40 to 85°C operating temperature range. Computer CPU- Armv7 Cortex-A8 1 GHz DRAM- 512 MB DDR3 Supported operating system- Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL- See [www.moxa.com/MIL](http://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 4, Software selectable (RJ45) Digital input- DIs x 4 Digital output- DOs x 4 USB 2.0- USB 2.0 hosts x 1, type A connectors Number of SIMs- 2 SIM format- Microbuttons- Reset button- DIP switch for configuring the serial and CAN port Console port- RS-232 (Tx, Rx, GND), RJ45 output (115200, n, 8, 1) Ethernet interface Magnetic isolation protection- 1.5 kV (built-in) Serial interface Baud rate- 50 bps to 921.60 kbps Data bits- 7, 8 Stop bits- 1, 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 No. Ports- 2 Signals- CAN\_L, CAN\_H, CAN Signal GND Terminating resistor- N/A, 120 Ohm (per DIP) Digital inputs Voltage- 0 to 0.8 VDC- 2.0 to 5.5 VDC Digital outputs Current- 24 mA per channel Voltage- 0 to 0.55 VDC- 2.5 to 3.3 VDC LED indicators System- Programmable x 3 LAN- 2 per port (10/100 Mbps) Serial- 2 per port (Tx, Rx) CAN- 2 per port (Tx, Rx) Physical properties Dimensions- 57 x 136 x 100 mm (2.24 x 5.35 x 3.94 in) Weight- 600 g (1.32 lb) Housing- metal Installation- DIN rail mounting- wall mounting (with optional kit) Power parameters Input voltage- 9 to 48 VDC Input current- 0.95 A @ 9 VDC, 0.23 A @ 48 VDC Power consumption- 11 W Environmental conditions Operating temperature- -40 to 85°C (-40 to 185°F) Storage temperature- -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Vibration- 2 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 55032/35- EN 61000-6-2/-6-4 EMI- CISPR 32, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 6 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: 2 kV; Signal: 2 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF Safety- UL 60950-1- IEC 60950-1- EN 62368-1 Green Product- RoHS, CRoHS, WEEE Reliability Alert Tools- External RTC (Real Time Clock) Automatic Reboot Trigger- External WDT (Watchdog Timer) MTBF Time- 584,470 hrs. Standards- Telcordia (Bellcore) Standard TR/SR

### Specifications

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All details, up-to-date  
prices and availability

