

Item no.: 385585

UC-5101-T-LX - Arm-based industrial computer platform with Cortex-A8 1 GHz CPU

from **752,60 EUR**

Item no.: 385585
 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, 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. 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- Micro. Buttons- Reset button- DIP switches 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, D, RTS, CTS, DTR, DSR, DCD, GND. RS-422- Tx+, Tx-, Rx+, Rx-, GND. RS-485- 2w- Data+, Data-, GN. Digital inputs. Voltage- 0 to 0.8 VDC- 2.0 to 5.5 VDC. Digital outputs. Nominal 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). Physical characteristics. 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). Performance 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 hour 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. Environmentally friendly product- RoHS, CRoHS, WEEE. Reliability. Alert Tools- External RTC (Real Time Clock). Automatic Reboot Trigger- External WDT (Watchdog Timer). MTBF. Time- 728,216 hrs. Standards- Telcordia (Bellcore) Standard TR/SR.

Specifications

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 All details, up-to-date
 prices and availability

