Item no.: 385623

UC-5112-T-LX - Arm-based, wireless industrial computer platform with Cortex-A8 1 GHz CP

from **996,72 EUR**

Item no.: 385623
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 specially designed for long-term operation. This makes them the ideal choice for remote monitoring and data acquisition applications.Arm-based, wireless industrial computer platform with Cortex-A8 1 GHz CPU, 2 Ethernet ports, 4 serial ports, 1 SD slot, 1 Mini PCIe slot, 2 CAN ports, 4 DIs, 4 DOs, 1 USB port, -40 to 85°C operating temperatureComputerCPU- Armv7 Cortex-A8 1 GHzDRAM- 512 MB DDR3Supported operating system- Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL- See www.moxa.com/MILPre-installed memory- 8 GB eMMCMemory slot- SD slots x 1Expansion slots- mPCIe slots x 1Computer interfaceEthernet ports- Auto-sensing 10/100 Mbps ports (RJ45 connector) x 2Serial ports- RS-232/422/485 ports x 4, Software selectable (RJ45)Digital input- DIs x 4Digital output- DOs x 4USB 2.0- USB 2.0 hosts x 1, type A connectorsNumber of SIMs- 2SIM format- Microbuttons- Reset button- DIP switches for configuring the serial and CAN portConsole port- RS-232 (TxD, RxD, GND), RJ45 output (115200, n, 8, 1)Ethernet interfaceMagnetic isolation protection- 1.5 kV (built-in)Serial interfaceBaud rate- 50 bps to 921.60 kbpsData bits- 7, 8Stop bits- 1, 2Parity- None, Even, Odd, Space, MarkFlow control- RTS/CTS, XON/XOFF- ADDC (automatic data direction control) for RS-485- RTS toggle (RS-232 only)Serial signalsRS-232- TxD, RxD, RTS, CTS, DTR, DSR, DCD, GNDRS-422- Tx+, Tx-, Rx+, Rx-, GNDRS-485-2w- Data+, Data-, GNDCAN interfaceNo. Ports- 2Signals- CAN_L, CAN_H, CAN Signal GNDTerminating resistor- N/A, 120 Ohm (per DIP)Digital inputsVoltage- 0 to 0.8 VDC- 2.0 to 5.5 VDCDigital outputsCurrent- 24 mA per channelVoltage- 0 to 0.55 VDC- 2.5 to 3.3 VDCLED indicatorsLAN- 2 per port (10/100 Mbps)Serial- 2 per port (Tx, Rx)CAN- 2 per port (Tx, Rx)Wireless signal strength- Cellular/Wi-Fi x 3Physical characteristicsDimensions- 57 x 136 x 100 mm (2.24 x 5.35 x 3.94 in)Weight- 600 g (1.32 lb)Housing- MetalInstallation- DIN rail mounting- Wall mounting (with optional kit)Power parametersInput voltage- 9 to 48 VDCInput current- 0.95 A @ 9 VDC, 0.23 A @ 48 VDCPower consumption- 11 WEnvironmental conditionsOperating 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 60068-2-27Standards and certificationsEMC- EN 55032/35- EN 61000-6-2/-6-4EMI- CISPR 32, FCC Part 15B Class AEMS- 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 PFMFSafety- UL 60950-1- IEC 60950-1- EN 62368-1Green Product- RoHS, CRoHS, WEEEReliabilityAlert Tools- External RTC (Real Time Clock)- Automatic Reboot Trigger- External WDT (Watchdog Timer)MTBFTime- 568,997 hrs.Standards- Telcordia (Bellcore) Standard TR/SR

📄 Specifications

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