

Item no.: 385627

UC-8112-ME-T-LX1 - Arm-based, wireless DIN rail industrial computer with 1 GHz CPU

from **569,96 EUR**

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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, wireless DIN rail industrial computer with 1 GHz CPU, 1 GB RAM, 2 Ethernet ports, 2 serial ports, 1 Mini PCIe slot, -40 to 85°C operating temperature Computer CPU- Armv7 Cortex-A8 1 GHz DRAM- 1 GB DDR3 Memory pre-installed- 8 GB eMMC Supported operating system- Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL 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 (RJ45) USB 2.0- USB 2.0 hosts x 1, Type A ports Number of SIMs- 1 SIM format- Mini Buttons- Reset button Ethernet interface Magnetic isolation protection- 1.5 kV (built-in) LED indicators System- Power supply x 1- SD slots x 1- Programmable x 4 Wireless signal strength- Cellular/Wi-Fi x 3 Serial interface Baud rate- 300 bps to 921.6 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) Console connection- 1 x 4-pin male connector to DB9 console connection Serial signals RS-232- Tx+, Tx-, Rx+, Rx-, GND RS-485- 2w- Data+, Data-, GND Performance parameters Input voltage- 12 to 36 VDC Input current- 500 mA @ 12 VAC Power consumption- 6 W Reliability Alert tools- External RTC (real-time clock) Automatic reboot trigger- External WDT (watchdog timer) Physical properties Dimensions- 141 x 125.6 x 54.8 mm (5.55 x 4.94 x 2.15 in) Weight- 550 g (1.22 lb) Housing- metal Installation- DIN rail mounting- wall mounting (with optional kit) Environmental conditions Operating temperature- -40 to 85°C (-40 to 185°F) Storage temperature (in packaging)- -40 to 85°C (-40 to 185°F) Relative ambient 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 EMI- CISPR 32, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m- IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV- IEC 61000-4-5 Surge: Power: 1 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFM Safety- UL 60950-1 Hazardous areas- Class I Division 2 Environmentally friendly product- RoHS, CRoHS, WEEE MTBF Time- 535,916 hours Standards- Telcordia (Bellcore) Standard

Specifications

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prices and availability

