Item no.: 385625

UC-8112-LX - Arm-based, wireless DIN rail industrial computer with 1 GHz CPU

from **426,38 EUR**

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shipping weight: 0.30 kg
Manufacturer: MOXA

📄 Product Description

Moxa's compact fanless arm-based industrial computers are wireless-capable and have comprehensive security functions. They are designed for space-critical applications. The computers are specifically designed for long-term operation and come with 10 years of support for Moxa Industrial Linux. This makes them the ideal choice for remote monitoring and data acquisition applications.Arm-based, wireless DIN rail industrial computer with 1 GHz CPU, 2 Ethernet ports, 2 serial ports, 1 Mini PCIe slotComputer- CPU Armv7 Cortex-A8 1 GHz- DRAM 512 MB DDR3- Supported OSMoxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOLSee www.moxa.com/MIL- Storage Pre-installed 8 GB eMMC- Storage Slot SD slots x 1Computer Interface- Ethernet Ports Auto-sensing 10/100 Mbps ports (RJ45 connector) x 2- Serial Ports RS-232/422/485 ports x 2, software selectable (terminal block)- USB 2.0 USB 2.0 hosts x 1, type-A connectors- Expansion Slots mPCIe slots x 1- Number of SIMs 1- SIM Format Mini- Buttons Reset button- Console Port RS-232 (TxD, RxD, GND), 4-pin header output (115200, n, 8, 1)Ethernet Interface- Magnetic Isolation Protection 1.5 kV (built-in)Serial Interface- Baudrate 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 ControlRTS/CTS, XON/XOFFADDC (automatic data direction control) for RS-485RTS Toggle (RS-232 only)Serial Signals- RS-232 TxD, RxD, RTS, CTS, GND- RS-422 Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w Data+, Data-, GND- RS-485-4w Tx+, Tx-, Rx+, Rx-, GNDLED Indicators- SystemPower x 1SD slots x 1Programmable x 3USB x 1- Wireless Signal Strength Cellular/Wi-Fi x 3Power Parameters- Input Voltage 12 to 24 VDC- Input Current480 mA @ 12 VDC225 mA @ 24 VDC- Power Consumption 5.4 WReliability- Alert Tools RTC (real-time clock)- Automatic Reboot Trigger Built-in WDTPhysical Characteristics- Dimensions 101 x 27 x 128 mm (3.98 x 1.06 x 5.04 in)- Weight 224 g (0.5 lb)- Housing Plastic- InstallationDIN-rail mountingWall mounting (with optional kit)Environmental Limits- Operating Temperature -10 to 60°C (14 to 140°F)- Storage Temperature (package included) -20 to 80°C (-4 to 176°F)- Ambient Relative Humidity 5 to 95% (non-condensing)- Shock IEC 60068-2-27- Vibration 2 Grms @ IEC 60068-2-64, random wave, 5-500 Hz, 1 hr per axis (without USB devices attached)Standards and Certifications- EMCEN 55032/35KC (UC-8162)- EMI CISPR 32, FCC Part 15B Class A- EMSIEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/mIEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kVIEC 61000-4-5 Surge: Power: 0.5 kVIEC 61000-4-6 CS: 3 VIEC 61000-4-8 PFMF- Safety UL 60950-1- Green Product RoHS, CRoHS, WEEEMTBF- Time 1,149,242 hrs- Standards Telcordia (Bellcore) Standard

📄 Specifications

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prices and availability