Item no.: 385592

UC-8410A-NW-LX - Arm-based wall-mount industrial computer with Cortext-A7 1 GHz dual-core, 1 GB D

from **862,82 EUR**

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shipping weight: 1.00 kg
Manufacturer: MOXA

📄 Product Description

Moxa's Arm-based computing family offers wireless-ready, compact, and fanless industrial computers built for space-critical automation applications. These computers are specially designed for long-term operation, making them the ideal choice for remote monitoring and data acquisition applications.Arm-based wall-mount industrial computer with Cortext-A7 1 GHz dual-core, 1 GB DDR3L RAM, 8 serial ports, 4 DIs, 4 DOs, 3 Ethernet ports, 1 mSATA slot, 1 USB port, Debian 8, -10 to 60°C operating temperatureComputer- CPU Armv7 Cortex-A7 dual-core 1 GHz- System Memory Pre-installed 1 GB DDR3L- Storage Pre-installed 8 GB eMMC- Storage Slot SD slots x 1mSATA slots x 1, internal mini-PCIe socket- Supported OSLinux Debian 8 (Linux kernel v4.1), 2022 EOLMoxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOLComputer Interface- Ethernet Ports Auto-sensing 10/100/1000 Mbps ports (RJ45 connector) x 3- Serial Ports RS-232/422/485 ports x 8, software selectable (RJ45)- USB 2.0 USB 2.0 hosts x 2, type-A connectors- Digital Input DIs x 4- Digital Output DOs x 4- Console Port 1 x 4-pin header to DB9 console portEthernet Interface- Magnetic Isolation Protection 1.5 kV (built-in)Serial Interface- Baudrate 50 bps to 115.2 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, DTR, DSR, DCD, GND- RS-422 Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w Data+, Data-, GND- RS-485-4w Tx+, Tx-, Rx+, Rx-, GNDDigital Inputs- Channel-to-Channel Isolation 3000 VDC- Connector Screw-fastened Euroblock terminal- Dry ContactOn: short to GNDOff: open- Sensor TypeDry contactWet contact (NPN or PNP)- Wet Contact (DI to COM)On: 10 to 30 VDCOff: 0 to 3 VDCDigital Outputs- Connector Screw-fastened Euroblock terminal- Current Rating 200 mA per channel- I/O Type Sink- Voltage Open-drain to 30 VDCLED Indicators- SystemPower x 1System ready x 1Storage x 1Programmable x 10- LAN 2 per port (10/100/1000 Mbps)- Serial 2 per port (Tx, Rx)Power Parameters- Input Current 1.57A @ 12 VAC max.- Input Voltage 12 to 48 VDC- Power Consumption 19 W (max.)- Power Connector Terminal block (for DC models)Physical Characteristics- Dimensions 200 x 120 x 48.6 mm (7.87 x 4.72 x 1.91 in)- Weight 1,000 g (2.21 lb)- Housing Metal- IP Rating IP30- Installation Wall mounting (standard)Environmental Limits- Operating Temperature -10 to 60°C (14 to 140°F)- Storage Temperature (package included) -20 to 75°C (-4 to 167°F)- Ambient Relative Humidity 5 to 95% (non-condensing)Standards and Certifications- EMC EN 55032/35- 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: 0.5 kV; Signal: 0.5 kVIEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kVIEC 61000-4-6 CS: 3 VIEC 61000-4-8 PFMF- Safety UL/IEC 60950-1 & 62368-1- Shock IEC 60068-2-27- Vibration IEC 60068-2-64Declaration- Green Product RoHS, CRoHS, WEEE

📄 Specifications

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