

Item no.: 385591

UC-8410A-LX - Arm-based, wireless, wall-mounted industrial computer with Cortex-A7 1 GHz d

from **880,07 EUR**

Item no.: 385591
 shipping weight: 1.00 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, making them the ideal choice for remote monitoring and data acquisition applications. For more information, visit our Arm Linux IIoT Gateway Solutions website.

Arm-based, wireless, wall-mounted industrial computer with Cortex-A7 1 GHz dual-core, 1 SD slot with 1 GB card pre-installed, 512 MB DDR3L RAM, 8 serial ports, 4 DIs, 4 DOs, 3 Ethernet ports, wireless, 1 mSATA slot, 1 USB port, Debian 8, -10 to 60°C operating temperature

Computer CPU: Armv7 Cortex-A7 dual-core 1 GHz
 System memory Pre-installed: 1 GB DDR3L
 Memory Pre-installed: 8 GB eMMC
 Memory slot: SD slots x 1, mSATA slots x 1, internal mini PCIe socket

Supported operating systems: Linux Debian 8 (Linux kernel v4.1), 2022 EOL
 Moxa Industrial Linux 1 (Debian 9, Kernel 4.4), 2027 EOL
 See www.moxa.com/MIL

Computer interface Ethernet connections: 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 ports
 Digital input: DIs x 4
 Digital output: DOs x 4
 Expansion slots: mPCIe slots x 1
 Mobile antenna connector: SMA x 2
 Number of SIMs: 1
 SIM format: Mini
 Console connector: 1 x 4-pin header on DB9 console connector

Ethernet interface Magnetic isolation protection: 1.5 kV (built-in)
 Serial interface Baud rate: 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 control: RTS/CTS, XON/XOFF
 ADCC (automatic data direction control) for RS-485: RTS Toggle (RS-232 only)

Serial signals RS-232: Tx+, Tx-, Rx+, Rx-, GND
 RS-422: Tx+, Tx-, Rx+, Rx-, GND
 RS-485-2w: Data+, Data-, GND
 RS-485-4w: Tx+, Tx-, Rx+, Rx-, GND

Digital inputs Channel-to-channel insulation: 3000 VDC
 Connection: Screwable Euroblock terminal
 Dry contact: On: short to GND, Off: open
 Sensor type: dry contact, wet contact (NPN or PNP)
 Wet contact (DI to COM): On: 10 to 30 VDC, Off: 0 to 3 VDC

Digital outputs Connector: Screw-on Euroblock terminal
 Current rating: 200 mA per channel
 O type: Sink
 Voltage: Open-drain to 30 VDC
 LED indicators System: Current x 1
 System ready x 1
 Memory x 1
 Programmable x 1
 LAN: 2 per port (10/100/1000 Mbps)
 Serial: 2 per port (Tx, Rx)

Performance parameters Input current: 1.57A @ 12 VAC max.
 Input voltage: 12 to 48 VDC
 Power consumption: 19 W (max.)
 Power connection: 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
 Protection class: IP30
 Mounting: wall mounting (standard)

Environmental limits Operating temperature: -10 to 60°C (14 to 140°F)
 Storage temperature (including packaging): -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
 EMS: IEC 61000-4-2
 ESD: Contact: 4 kV; Air: 8 kV
 IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m
 IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV
 IEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kV
 IEC 61000-4-6 CS: 3 V
 IEC 61000-4-8 PFMF
 Safety: UL/IEC 60950-1 & 62368-1
 Shock: IEC 60068-2-27
 Vibration: IEC 60068-2-64
 Declaration Green Product RoHS, CRoHS, WEEE

Specifications

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

