

Item no.: 385630

UC-8162-LX - Arm-based wireless-enabled DIN-rail industrial computer with 600 MHz CPU, 2 Ethe

from **371,23 EUR**

Item no.: 385630
shipping weight: 0.30 kg
Manufacturer: MOXA



Product Description

Moxa's Arm-based compact fanless industrial-grade computers are wireless-ready and come with comprehensive security features. They are built for space-critical applications. The computers are specifically designed for long-term operations, making them an ideal choice for remote monitoring and data-acquisition applications. Arm-based wireless-enabled DIN-rail industrial computer with 600 MHz CPU, 2 Ethernet ports, 2 serial ports, 1 Mini PCIe slot

Computer CPU- Armv7 Cortex-A8 600 MHz
DRAM- 512 MB DDR3
Supported OS- Moxa Industrial Linux 1 (Debian 9, kernel 4.4), 2027 EOL
Storage Pre-installed- 8 GB eMMC
Storage Slot- SD slots x 1
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 (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 Control- RTS/CTS, XON/XOFF- ADDC (automatic data direction control) for RS-485- RTS 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-, GND
LED Indicators System- Power x 1- SD slots x 1- Programmable x 3- USB x 1
Wireless Signal Strength- Cellular/Wi-Fi x 3
Power Parameters Input Voltage- 12 to 24 VDC
Input Current- 480 mA @ 12 VDC- 225 mA @ 24 VDC
Power Consumption- 5.4 W
Reliability Alert Tools- RTC (real-time clock)
Automatic Reboot Trigger- Built-in
WDT Physical 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
Installation- DIN-rail mounting- Wall 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 EMC- EN 55032/35- KC (UC-8162)
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: 1 kV; Signal: 0.5 kV- IEC 61000-4-5
Surge: Power: 0.5 kV- IEC 61000-4-6
CS: 3 V- IEC 61000-4-8
PFMF Safety- UL 60950-1
Green Product- RoHS, CRoHS, WEEE
MTBF Time- 1,195,173 hrs
Standards- Telcordia (Bellcore) Standard

Specifications

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

