

Item no.: 387628

UC-1222A -

<https://www..com/en/products/industrial-computing/arm-based-computers/uc-1200a-s>

from **424,15 EUR**

Item no.: 387628
shipping weight: 0.30 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 and come with 10 years of support for Moxa Industrial Linux. This makes them the ideal choice for remote monitoring and data acquisition applications. For more information, visit our Arm Linux IIoT Gateway Solutions website. Arm® Cortex®-A53 dual-core 64-bit 1 GHz industrial computer with 2 Ethernet ports, 2 RS-232/422/485 serial ports, 1 USB 2.0 port, 1 mPCIe expansion slot, 12 to 24 VDC, TPM v2.0 module, Moxa Industrial Linux (Debian 11, Kernel 5.10), -40 to 60°C operating temperature. Computer- CPU Armv8 Cortex-A53 dual-core 1GHz- DRAM 2 GB DDR4- Pre-installed OS Moxa Industrial Linux (Debian 11, kernel 5.10), 2031 EOL. See www.moxa.com/MIL- Storage Pre-installed 16 GB eMMC- Storage Slot micro SD slots x 1 Computer Interface- Ethernet Ports Auto-sensing 10/100/1000 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- Console Port RS-232 (Tx, Rx, GND), 4-pin header output (115200, n, 8, 1)- Expansion Slots mPCIe slots x 1- Number of SIMs 1- SIM Format Nano- Buttons Reset button- TPM TPM v2.0 Ethernet Interface- Ethernet Ports Auto-sensing 10/100/1000 Mbps ports (RJ45 connector) x 2- Magnetic Isolation Protection 1.5 kV (built-in) Serial Interface- Baudrate 300 bps to 921.6 kbps- Data Bits 5, 6, 7, 8- Parity None, Even, Odd, Space, Mark- Stop Bits 1, 1.5, 2- Flow Control RTS/CTS XON/XOFF Automatic Data Direction Control (ADDC) for RS-485 RTS Toggle (RS-232 only) Serial Signals- RS-232 Tx, Rx, D, 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 SW ready (programmable) USB (programmable) x 1 Micro SD slot (programmable) x 1 Serial Port: TX x 2, RX x 2- Wireless Signal Strength Cellular x 2; programmable Disconnected: None Very Poor Signal: 1 LED (blinking) Poor Signal: 1 LED Good Signal: 2 LEDs Power Parameters- Input Current 600 mA @ 12 VDC 300 mA @ 24 VDC- Input Voltage 12 to 24 VDC- Power Consumption 4.5 W (minimum; without external USB device attached) 7.2 W (maximum; with external USB device attached) Reliability- Alert Tools External RTC (real-time clock) External WDT (watchdog timer) 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 Polycarbonate (PC)- Installation DIN-rail mounting Wall mounting (with optional kit) Environmental Limits- Operating Temperature -40 to 60°C (-40 to 140°F)- Storage Temperature (package included) -40 to 80°C (-40 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 EN 61000-6-2/-6-4- 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: 10 V/m IEC 61000-4-3 RS: 1.4 GHz to 6 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 1 kV IEC 61000-4-5 L-PE: 1 kV; L-L: 0.5 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF- Safety EN 62368-1 UL 62368-1- International Approval RCM KCBSMI- Green Product RoHS, CROHS, WEEE MTBF- Time 924,676 hrs- Standards Telcordia (Bellcore) Standard TR/S

Specifications

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

