

Artikelnr.: 387630

UC-2222A-T-AP - Arm-basierte Computer

ab **686,47 EUR**

Artikelnr.: 387630
Versandgewicht: 0.60 kg
Hersteller: MOXA



Produktbeschreibung

Die kompakten lüfterlosen Industriecomputer auf Arm-Basis von Moxa sind Wireless-fähig und verfügen über umfassende Sicherheitsfunktionen. Sie sind für platzkritische Anwendungen konzipiert. Die Computer sind speziell für den Langzeitbetrieb konzipiert und werden mit 10 Jahren Support für Moxa Industrial Linux geliefert, was sie zur idealen Wahl für Fernüberwachungs- und Datenerfassungsanwendungen macht. Arm® Cortex®-A53 Dual-Core 64-Bit 1-GHz-Industriecomputer mit 2 Ethernet-Anschlüssen, 2 seriellen RS-232/422/485-Anschlüssen, 1 USB 2.0-Anschluss, 1 mPCIe-Erweiterungssteckplatz mit LTE Cat. 4-Modul für den asiatisch-pazifischen Raum vorinstalliert, 12 bis 24 VDC, TPM v2.0-Modul, Moxa Industrial Linux (Debian 11, Kernel 5.10), -40 bis 70°C Betriebstemperatur 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- 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, RTS, CTS, GND- RS-422 Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w Data+, Data-, GND- RS-485-4w Tx+, Tx-, Rx+, Rx-, GND Cellular Interface- Cellular Standards LTE Cat. 4- Band Options LTE Band 1 (2100 MHz) / LTE Band 3 (1800 MHz) / LTE Band 5 (850 MHz) / LTE Band 8 (900 MHz) / LTE Band 9 (1800 MHz) / LTE Band 18 (800 MHz) / LTE Band 19 (800 MHz) / LTE Band 26 (850 MHz) / LTE Band 28 (700 MHz) UMTS/HSPA B19 (800 MHz) / B8 (900 MHz) / B6 (850 MHz) / B5 (850 MHz) / B1 (2100 MHz) GPS Interface- Receiver Types GPS, GLONASS, Galileo- Accuracy Position: 2.0 m @ CEP50- Acquisition Hot starts: 1.1 sec Cold starts: 29.94 sec- Sensitivity Cold starts: -145 dBm Tracking: -160 dBm- Time Pulse 250 Hz to 10 MHz 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 900 mA @ 12 VDC 450 mA @ 24 VDC- Input Voltage 12 to 24 VDC- Power Consumption 7.8 W (without external USB device) 10.5 W (with external USB device) Reliability- Alert Tools External RTC (real-time clock)- Automatic Reboot Trigger External WDT (watchdog timer) Physical Characteristics- Dimensions 102 x 32 x 128 mm (4.0 x 1.26 x 5.04 in)- Weight 546 g (1.2 lb)- Housing SECC Metal- Installation DIN-rail mounting Wall mounting (with optional kit) Environmental Limits- Operating Temperature -40 to 70°C (-40 to 158°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 870,393 hrs- Standards Telcordia (Bellcore) Standard TR/SR

Technische Daten

Hier gehts zum Artikel
Alle Informationen,
tagesaktuelle Preise und
Verfügbarkeiten

