

Item no.: 387900

V2201-E1-T - x86 embedded computer with Intel Atom E3815 processor, 1 HDMI port, 2 Ethernet p

from **1.303,97 EUR**

Item no.: 387900
shipping weight: 1.00 kg
Manufacturer: MOXA



Product Description

Moxa's x86 industrial-grade fanless computers have passed rigorous tests and strictly adhere to industrial standards to ensure they can provide long-lasting, reliable operation even in harsh environments, making them perfect for a variety of industrial-automation applications. x86 embedded computer with Intel Atom® E3815 processor, 1 HDMI port, 2 Ethernet ports, 2 serial ports, 4 DIs, 4 DOs, 1 USB 3.0 port, 2 USB 2.0 ports, 1 SD slot, 1 uSIM slot, 2 Mini PCIe slots, -40 to 85°C operating temperature

Computer CPU- Intel Atom® Processor E3815 (512K Cache, 1.46 GHz) System Memory Pre-installed- 4 GB DDR3L System Memory Slot- SODIMM DDR3/DDR3L slot x 1 Supported OS- Windows Embedded Standard 7 (WS7E) 64-bit- Windows 10 Embedded IoT Enterprise 2016 LTSC Entry 64-bit- Windows 10 Embedded IoT Enterprise 2019 LTSC Entry 64-bit- Windows 10 Embedded IoT Enterprise 2021 LTSC Entry 64-bit- Linux Debian 9 OS image (Kernel 4.9)- Linux Debian 11/Ubuntu 20.04/CentOS 7.9 drivers Storage Slot- mSATA slots x 1- SD 3.0 (SDHC/SDXC) socket 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 (DB9 male) USB 2.0- USB 2.0 hosts x 2, type-A connectors USB 3.0- USB 3.0 hosts x 1, type-A connectors Digital Input- DIs x 4 Digital Output- DOs x 4 Expansion Slots- mPCIe slots x 2 Video Output- HDMI x 1, HDMI connector (type A) Wi-Fi Antenna Connector- RP-SMA x 2 Cellular Antenna Connector- SMA x 2 Number of SIMs- 1 SIM Format- Mini GPS Antenna Connector- SMA x 1 Digital Input Isolation- 3K VDC Connector- Screw-fastened Euroblock terminal Dry Contact- On: short to GND- Off: open/O Mode- DI 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-fastened Euroblock terminal Current Rating- 200 mA per channel/O Type- Sink Voltage- 24 to 30 VDC LED Indicators System- SD slots x 1- Power x 1- Storage x 1- Programmable x 1 Wireless Signal Strength- Cellular/Wi-Fi x 2 LAN- 1 per port (10/100/1000 Mbps) Serial- 2 per port (Tx, Rx) Serial Interface Baudrate- 50 bps to 115.2 kbps Flow Control- RTS/CTS, XON/XOFF, ADCC® (automatic data direction control) for RS-485, RTS Toggle (RS-232 only) Isolation- N/A Parity- None, Even, Odd, Space, Mark Stop Bits- 1, 1.5, 2 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-, GND Power Parameters Input Voltage- 9 to 36 VDC Power Connector- Terminal block (for DC models) Power Consumption (Max.)- 2000 mA @ 9 VDC Power Consumption- 18 W (max.) Physical Characteristics Housing- Aluminum IP Rating- IP30 Dimensions (with ears)- 178 x 52.5 x 120.2 mm (7.01 x 2.07 x 4.73 in) Dimensions (without ears)- 150 x 48.8 x 120.2 mm (5.91 x 1.92 x 4.73 in) Weight- 940 g (2.09 lb) Installation- Wall mounting Environmental Limits Operating Temperature- -40 to 85°C (-40 to 185°F) Storage Temperature (package included)- -40 to 85°C (-40 to 185°F) Ambient Relative Humidity- 5 to 95% (non-condensing) 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: 6 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMFS Safety- EN 60950-1- UL 508- UL 60950-1 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-64 Declaration Green Product- RoHS, CRoHS, WEEE MTBF Time- 408,275 hrs Standards- Telcordia (Bellcore), GB

Specifications

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All details, up-to-date prices and availability

