

Item no.: 385480

BXP-A100-E2-T - Box computer with Intel Atom x6211E processor, 2 LAN ports

from **1.233,69 EUR**

Item no.: 385480
shipping weight: 2.00 kg
Manufacturer: MOXA



Product Description

Moxa Box type Computer, Atom x6211E w/ 8GB DDR4, (2) COM, (2) LAN, (6) USB, (4) DIO, VGA+HDMI & 12/24 VDC

Description The BXP-A100 wall computers are powered by an Intel Atom® X processor. The computers have a variety of interface options including up to 10 software selectable RS-232/422/485 serial ports, up to 10 Gigabit Ethernet ports, 4 digital inputs and 4 digital outputs. The communication interfaces are located on the front and rear of the product, allowing easy access and expansion for industrial applications. A dual storage design with CFast and SD slots allows for easy memory expansion. The unique design of the battery cover for the battery slot secures the battery and ensures stability in all operating environments. The compact, wall-mountable BXP-A100 computers are fanless and can withstand a temperature range of -30 to 60 °C, making them well suited for harsh operating environments. The integrated TPM 2.0 module protects the platform against unauthorised access. The BXP-A100 series is an intelligent computer solution that perfectly fulfils both the OT and IT requirements of industrial environments.

Computer- CPU BXP-A100-E2 Models: Intel Atom® x6211E processor (Dual core, 1.5M cache, 1.30 GHz)- System Memory Slot SODIMM DDR4 slots x 1, up to 32 GB max.- System Memory Pre-installed 8 GB, up to 32 GB max. System Memory Pre-installed 8 GB DDR4- Storage Slot CFast slot x 1 (SATAIII interface) SD slots x 1, SD 3.0 interface (SDHC/SDXC)- Storage Pre-installed BXP-A100-E2-T-Win10: 64 GB CFast card- Supported OS Windows Images and Drivers Supported: Windows 10 IoT Enterprise LTSC 2021 64-bit Windows 11 Professional 64-bit Linux Drivers Supported: Debian 11 (kernel 5.10) Ubuntu 22.04 LTS (kernel 5.15) RHEL 9 (kernel 5.14)- Graphics Controller Intel® UHD Graphics 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) x 2- USB 3.0 USB 3.0 hosts x 2, type-A connectors- USB 2.0 USB 2.0 hosts x 4, type-A connectors- Digital Input DIs x 4- Digital Output DOs x 4- TPM TPM v2.0- Video Output HDMI 2.0b x 1, (type-A connector) VGA x 1, 15-pin D-sub connector (female)- Buttons Reset button Power button Ethernet Interface- Magnetic Isolation Protection 1.5 kV (built-in) Serial Interface- Baudrate 50 bps to 115.2 kbps- Connector DB9 male- Data Bits 5, 6, 7, 8- Parity None, Even, Odd, Space, Mark- Stop Bits 1, 1.5, 2- Flow Control RTS/CTS, XON/XOFF Serial Signals- RS-232 Tx, Rx, 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 Digital Inputs- Connector Spring-type Euroblock terminal- Sensor Type Dry contact- Dry Contact Logic 0: Short to GND Logic 1: Open Digital Outputs- Connector Spring-type Euroblock terminal- I/O Type Sink- Current Rating 200 mA per channel- Voltage 0 to 24 VDC LED Indicators- System Power x 1 Storage x 1 LAN 2 per port (10/100/1000 Mbps) Power Parameters- Input Voltage 12/24 VDC Input Voltage 12/24 VDC- Power Connector Screw-fastened Euroblock terminal- Power Consumption 50 W Physical Characteristics- Housing Metal- IP Rating IP20- Dimensions 210 x 166 x 48 mm (8.27 x 6.54 x 1.9 in)- Weight 2,015 g (4.44 lb)- Installation Wall mounting (with optional kit) Environmental Limits- Operating Temperature -30 to 60°C (-22 to 140°F)- Storage Temperature -40 to 75°C (-40 to 167°F)- Ambient Relative Humidity 5 to 95% (non-condensing) Standards and Certifications- EMC EN 55032/35- EMC CISPR 32, FCC Part 15B Class AB SM- 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: 1 A/m at 50 to 60 Hz- Safety UL 62368-1 (CB) BSMI- Shock IEC 60068-2-27- Vibration IEC 60068-2-64- Package Drop Test ISTA 1A- Package Vibration Test ISTA 1A Declaration- Green Product RoHS, CRoHS, WEEE Reliability- Time Source Built-in RTC (real-time clock) with lithium-battery backup- Automatic Reboot Trigger Built-in WDT MTBF- Time 556,511 hrs- Standards Telcordia (Bellcore), GB

Specifications

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

