oBox: Industrial PC with Visual Logger for OPC or Modbus OPC UA Server

Key Features:

- Install and easily run your own or third-party IoT Edge software applications.
- Manage OS and applications using a revolutionary & scalable Remote Management Platform. This enables you to securely deploy, upgrade, maintain, and monitor the operating system & applications completely remotely.
- Purchase our Industrial PC with the Visual Logger for OPC and/ or Modbus OPC UA Server software pre-installed. The machine does the rest for you:
  - Collects your data from OPC UA servers, and/or Modbus TCP and RTU devices.
  - Eliminates data loss by utilizing built-in support for Store & Forward.
  - Forwards your data to one of the following:
    TimescaleDB, MS SQL, MySQL, SQLite, Apache Kafka, InfluxDB, and MQTT brokers (including Azure IoT, AWS IoT Broker, and IBM Watson IoT Platform).
  - Logs up to 10,000 values per second. If you're looking to log more values, stay tuned for our upcoming models.
- Install the device anywhere, including desktop, wall mounted with DIN-rail, or VESA mount.
- Constructed of a durable aluminum case, which can withstand harsh conditions.
- Cooled through a fanless passive system.

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Specifications:

System:

- **CPU:** Intel Celeron J4125 (Quad core quad threading, 4MB cache, 2.0GHz, Max turbo 2.7GHz)
- **Storage:** 256 Gb, M.2 SSD
- **Memory:** 4 GB
- **Operating Systems:** Windows 10, Ubuntu 22.04, and BalenaOS (recommended)

Input/ Output:

- **HDMI:** 1 and 2 DP ports with max resolution 4096x2160 @ 60Hz, with 4K support
- **USB:** Four 3.0 ports
- **USB:** Two 2.0 ports
- **COM:** 1port (RS232)
- **Ethernet:** Two 1 GB ports
- **Audio:** 1 I/O

Environment:

- **Work temperature:** -20℃ to +60℃ with surface air flow
- **Work Humidity:** 0% to 95%, non-condensing
- **Materials:** High-quality aluminum with surface anodic oxidation

Other:

- **Dimensions:** 144 * 126.5 * 42 mm
- **Net Weight** 0.8 kg
- **Certificates:** CE, CCC, FCC Class, and ROHS
- **Mounting:** Desktop, VESA, or DIN-rail
- **Display:** Chip Integrated Intel HD Graphics 600
- **BIOS:** AMI UEFI
- **Power:** 12V/ 4A (adapter and power cord included)