

## Atlas Max-RTL KBB

### Multifunctional process computer

The Atlas Max-RTL KBB is a multifunctional process computer, data concentrator and protocol converter, for connecting various DCS segments, as well as real-time data processing using PLC algorithms created according to IEC 61131-3 standard.

It collects data reliably from different devices using different routes and protocols. The collected and processed data can be presented locally (HMI) and/or sent to the SCADA monitoring server.



### Technical characteristics

- Processor AM3358 1GHz ARM Cortex-A8
- 4GB 8-bit eMMC
- 16GB micro SD card
- Possibility of simultaneous communication with 4 SCADA centre
- 3 x RS-232/485 port (galvanically isolated from each other and galvanically isolated from the power supply)
- 1 x RS-485 (not isolated galvanically from the power supply)
- Ethernet port 10/100Mbps
- Supported protocols:
  - ETHERNET/IP CIP
  - IEC 60870-5-101 Master/Slave
  - IEC 60870-5-102 Master
  - IEC 60870-5-103 Master
  - IEC 60870-5-104 Client/Server, IEC62443 (IT Security)
  - SNMP
  - MODBUS RTU i TCP Master/Slave
  - MODBUS TCP Client/Server
  - SPA Master
  - OPC UA
  - IEC 61850 Client/Server
  - DNP3 Master/Slave
  - Hart Master
  - SSI
  - Profibus Master
  - BACNET Master
  - GOOSE
  - NEO Master
  - FINS Master
  - DLMS
  - PROFINET
- Distribution of the exact time using a GPS receiver
- Creating a PLC algorithm using the Function Block Diagram
- Power supply voltage: 5VDC
- Consumption: 5W
- Working temperature: -20 to 60°C
- Dimensions – 120 mm x 35 mm x 88 mm

