

Atlas 4N

Functions overview

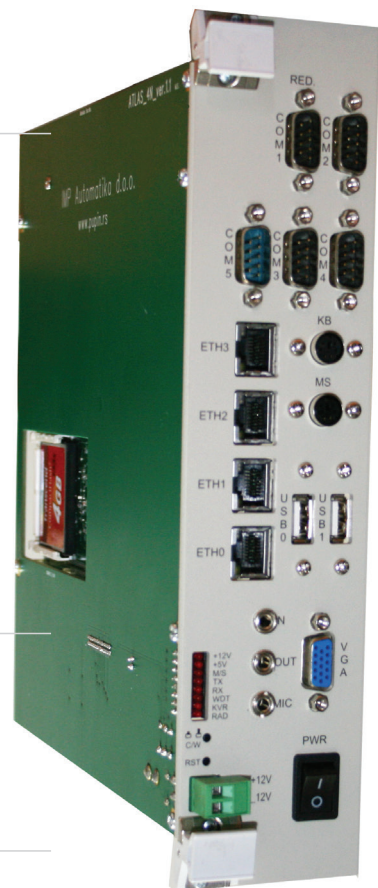
- Central processing unit (CPU) module for Atlas Max-RTL[®] devices which are then called Atlas Max-RTL[®]-4N.
- Based on the industrial computer NOVA 5251.
- Possibility to work in the single or dual master/slave configuration
- Selfdiagnostic of the proper function
- LED indications:
 - Presence of the 12V DC power supply,
 - Presence of the 5V DC power supply,
 - Master/slave indication,
 - TX, RX, WDT, failure, operation

Design

Module is designed to be installed in the 19" racks. Front mask dimensions 262 x 60 mm.

Technical characteristics

- CPU: Intel Atom 45nm 1.8GHz sa 512kB L2 cache
- System Chipset: Intel ICH8M
- System memory – 2x 204-pin DDR3 800MHz SO-DIMM SDRAM capacity up to 4GB
- Ethernet – 4 x RTL8111E 1 Gbps
- I/O interface
 - 2 x USB 2.0
 - 5 x RS-232
 - 1 x VGA
- SSD - Compact Flash Type II
- NVRAM memorija – SSD miniPCleDOM 8GB
- Watchdog Timer
- Operating temperature -20 - 60°C
- Power Supply – 12VDC
- Consumption - 12V@1.5A



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