

Atlas 4N

Processor module

Functions overview

- Second generation central processing unit (CPU) module for Atlas Max-RTL[®]-4N devices. It belongs to Atlas Max-RTL[®] family of devices with all its' functionalities.
- 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,

Design

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

Technical characteristics

- CPU: Intel Atom 45nm 1.8GHz with 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
 - 6 x RS-232
 - 1 x VGA
- SSD - Compact Flash Type II
- NVRAM memorija – SSD miniPCIeDOM 8GB
- Watchdog Timer
- Operating temperature -20 - 60°C
- Power Supply – 12VDC
- Consumption - 1.5A@12V

