

DIN-Rail Embedded Controller (MEC)

Datasheet



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DIN EN ISO 9001:2000

Technical Data

General

- No rotating parts

Processor

- AMD LX800 500 MHz Processor, fanless

Dynamic Memory

- DDRRAM, max. 1024 MByte, SO-DIMM

System I/O Outlet

- 1x 9-pin D-SUB Male for RS232/422/485
- 3x 9-pin D-SUB Male for RS232
- 1x Compact Flash socket
- 1x PS/2 mouse and keyboard interface
- 2x RJ-45 for 10/100Base-T
- 1x USB
- 1x 15-pin D-SUB Female for VGA

Diagnostic LEDs

- Power
- Software state (CPU-LED)
- Link and activity for LAN interfaces

Mass storage

- Rugged CompactFlash, Industrial – Grade
- Removable flash card
- No Moving Parts
- Max. 8 GB supported
- Shock: 1000 G max.
- MTBF >4.000.000 hours
- Bad Block Scanning/Handling
- Static Wear-Leveling System
- 6-Bit ECC
- 2,000,000 write/erase cycles

Additional Functions

- Battery buffered real time clock (RTC)

Power consumption

- 18 - 75 V DC / 9 W max.¹⁾

Standards

- CE

Housing

- Aluminium and steel chassis, including clip for mounting on a 35 mm DIN-Rail
- Protection class: IP50

Dimensions (without clip)

- 50x160x111mm (W/H/D)

Weight

- 1 kg

Operating Environment

- Operating temperature: -10°C – 50°C
- Relative humidity: 5 % to 90 % non-condensing

¹⁾ Voltage and power data depend on the used type

Note: Differences to the delivered type are possible.