

HECPM

Datasheet



DIN-Rail Embedded PC / Profibus Master



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Zertifikat: 01 100 040757

Technical Data Sheet

Processor

AMD ÉLAN SC520 / 133 MHz

Dynamic Memory

SDRAM max. 128 MByte, SO-DIMM

Interfaces

- 4 RS232 serial interfaces (COM 1 to COM 4) with surge protection
- 1 CAN-Bus, opto-isolated (optional)
- 1 printer interface (LPT1) ¹⁾
- AT-IDE harddisk interface ¹⁾
- CompactFlash socket ¹⁾
- PC/104-Bus ¹⁾
- Floppy interface ¹⁾
- PS/2 mouse and keyboard interface ¹⁾
- 10BaseT-LAN-interface
- PROFIBUS-DP Master PC/104 card
 - 9,6 KBaud to 12 MBaud
 - Interface: RS485, isolated, according EN50170
 - Diagnostic interface: RS-232C, non-isolated DSub male connector 9 pin
 - Slaves: max. 125
 - Input/output: max. 244 Bytes per Slave
 - DPV1 Class1 / Class 2
 - Combi-Master: max. 7 KByte

Diagnosis

- Power LED
- Link and activity for LAN interface
- Transmit and receive Display Module for RS232 interfaces (COM 1 to COM 4)
- HDD LED
- LED to show different software conditions
- PROFIBUS (RDY, RUN, STA, ERR)

Additional Functions

- Battery buffered real time clock (RTC)
- Watchdog
- Reset

Mass Storage

- CompactFlash cartridge with up to 16 GB (MTBF ≥ 4.000.000h)

Power Consumption

- 18 – 36 V DC / 8 W ²⁾

Standards

- CE

Housing

- Aluminum passivated, incl. clip for mounting on a 35 mm DIN-Rail

Dimensions (with clip)

- Width: 125 mm
- Height: 105 mm
- Depth: 120 mm

Operating Environment

- Environmental temperature/storage temperature: 0°C – 45°C / - 10°C – 70°C
- Relative humidity: 5 % to 90 % non-condensing

1) Interfaces aren't conducted in the housing.

2) Voltage and power data depend on the used type

Note: Differences to the delivered type are possible!