

... the far end of Ethernet

- ethernode® for the switchboard
- DIN rail mount version of the ethernode-A7-2SER
- Serial interface Ser0: RS232
- Serial interface Ser1: optionally
 - RS232 with RTS/CTS or
 - RS485 full- oder halfduplex
- Access over two 9-pin D-Sub-connector
- **Virtual COM interface in Windows® computers**
- SerDrv-driver for access from a local mCAT-task
- TCP/IP communication over socket interfaces.
- RS485 termination resistance connectable
- Optionally remote control with PoE - therewith isolated interfaces
- Customer-specific software is possible, e.g. log-function on serial interface with E-Mail transmission depending on time and data volume
- Expandable surrounding temperature range -40..+50°C
- 10/100 MBit Ethernet access over RJ45 connector
- ARM microcontroller with real time kernel(mCAT)
- 2MByte Flash-EPROM for your C programmms and websites
- 256K RAM with buffer-C for 8 days, optionally 1m
- real time clock, buzzer for accustic reports
- Status-LEDs for Ethernet and ***Betrieb***

ethernode® in the surface box gets along well without electro infrastructure, in the PoE-option even without 24V. But if there is anyway a switchboard, a rail mount enclosure is easily installed. Over the DB9 connectors you attach fast e.g. the measuring units or measuring transducers to the RS232. In the rail mount version we deliver firstly only the ethernode-A7-plain version with two serial interfaces. For switchboard-I/Os we approve our TSM-ARMCPU. Please address us if you are interested in a special model with I/O.

Similar to the A7-2SER the SER/R offers two serial interfaces at the Ethernet which are not just addressable conveniently from Windows over a [virtual COM-Port](#), but which can work also as protocol converter, Gateway, datalogging et cetera with a little freelance C-programming.

The ARM-CPU with 2MByte Flash and up to 1MByte RAM providing a basis for special solutions offers enough space for wide scales, algorithms and circular buffers. The mCAT real time kernel serves the serial interfaces with the comfortable SerDrv, which can be easily adapted to a number of protocols. A demonstration of the events as well as the configuration in the form of websites over the integrated [webserver](#) for the observer is possible. CGI and mSP are two possibilitier, to display the data which are to be entered. Incoming files can be sent simply bunched as an e-mail. For the exchange of serial measuring data e.g. at a data logger or Gateway the [communication over sockets](#) which is integrated in the mCAT message system is commendable. The protocols TCP/IP and UDP are supported.

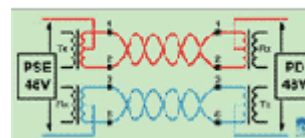


Order codes:



ETH-A7-SERR 239.- € *

Ethernet network processor with two serial interfaces RS232 and RS232/RS485. Rail mount version with 24V feed-in.



PoE 39.- € *
option

PoE remote control option (Power-over-Ethernet) for

ethernode. Produces isolated voltages 5V and 24V of the 48V voltage provided from the PoE switch. Order codes with PoE: ETH-A7-SERR<POE bzw. ETH-A7L-SERR<POE

* all prices in EUR ex works (+VAT/MwSt inside Germany)

