



## Telematics Computer **MX-2**

# Host Mobility's telematics computer for J2ME Java applicaitons

The MX-2 is designed to host one or two mobile Java applications in all kinds of vehicles. Integrated in the MX-2 are; GPRS and SMS communication, GPS positioning, double CAN interfaces to the vehicle network and the Host Mobility power management and system safety functions.

Typical applications for the MX-2 can be:

- Fleet Management
- FMS compliant fleet management
- Vehicle localization
- Anti theft systems
- Remote vehicle control

The application Java software can with simple tools be upgraded over GSM.

The advanced power management solves the problem with always being accessible from the Internet and at the same time saving the battery in the vehicle. With Host Mobility's technology you never have to turn off the MX-2.

To ensure system safety, MX-2 includes a watchdog system that makes it virtually impossible to "hang" the telematics computer.

### Features

- J2ME Java application environment
- 300 kB application FLASH
- Up to 1 GB FLASH for data storage (SD)
- 100 kB application RAM
- GPS receiver
- GSM/GPRS modem
- Advanced power management
- Advanced watchdog system
- Several wake-up sources
- Remote software upgrade
- Small compact rugged box

### Power requirements

- Input voltage 8-30 V DC
- Normal operation: ~500 mA @ 12 V
- Transmitting GSM data, 2 W: ~730 mA
- Sleep mode 1: ~18 mA
- Sleep mode 2 (phone OFF): ~1 mA

### Standard Interfaces

- 2 x CAN interface (ISO 11898)
- RS232
- GPS antenna (SMA)
- GSM antenna (SMA)
- User IO
- MMC/SD memory card holder
- SIM card holder

### Wake-up sources

- CAN traffic
- GSM data
- SMS
- External 12 V (ACC)
- User IO
- Time triggered

### Dimensions

- 12x12x3,5 cm