

MC100 Ethernet Gateway

Programmable 3G Gateway with Ethernet interface



Your benefits at a glance:

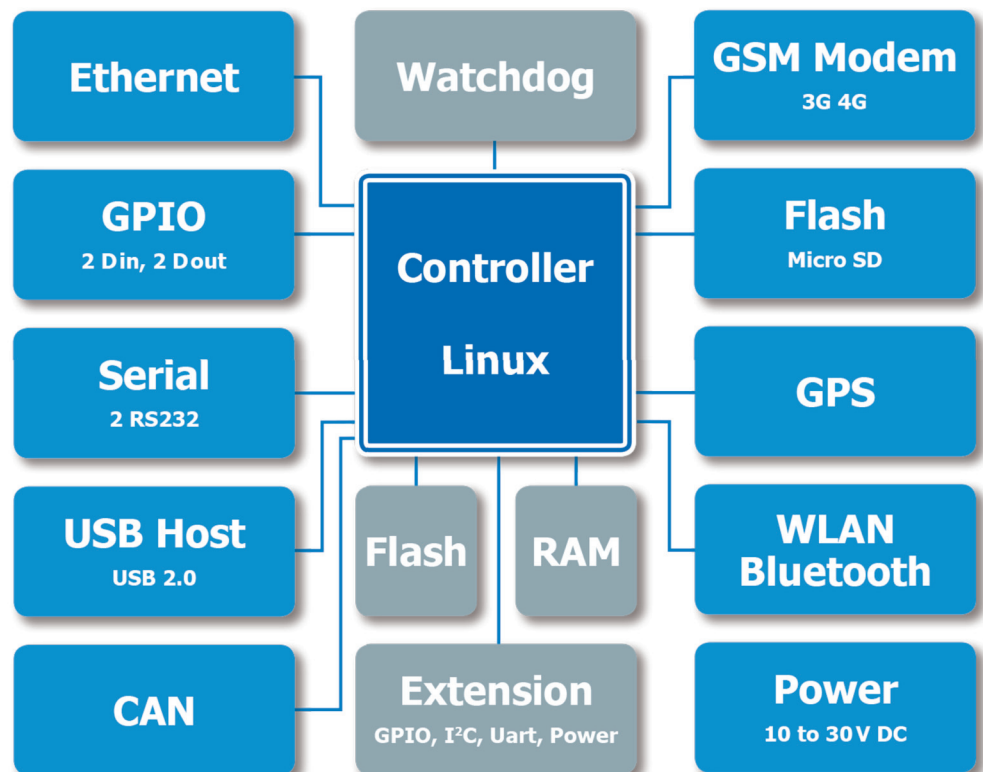
- Mobile 3G Gateway with Ethernet and RS232 Interface
- Ready for mobile Internet communication
- Linux distribution with JAVA VM, programmable for additional customer applications
- Highly maintainable, slim distribution based on a 4.1.15 linux kernel, mainline-compliant and optimized for the ARM-based MC100 Gateway
- Special watchdog for stable connectivity
- Configuration via web interface
- Data storage on micro SD card
- GPIO and CAN interfaces
- Robust for industrial use

Alternatively available with:

- 4G (LTE) GSM module
- GPS, WLAN or BT functionality

Special Options:

- Extension boards for additional wired and wireless interfaces
- Embedded SIM



MC100 Ethernet Gateway

Product	MC100 mobile Ethernet Gateway
General	
Typ	Mobile HSPA+/UMTS/EDGE/GPRS-Gateway with Linux OS and Ethernet Interface
Dimensions (W x H x D) in mm	120 x 75 x 35 mm
Supply voltage	10 to 30V DC
Operation temperature	-25°C to +70°C
Housing	Plastic
Mounting	Wall mounting
Mobile	
Data Transmission in the GSM network	HSDPA/HSUPA/HSPA+: Band 1,2,5,8, all bands with diversity GSM/GPRS/EDGE: 850/900/1800/1900 MHz
Transmission rates HSPA+	up to 5.76 Mbps uplink and 21.6 Mbps downlink
Transmission rates EDGE	up to 236.8 kbps uplink and 236.8 kbps downlink
Transmission rates GPRS	up to 85.6 kbps uplink and 85.6 kbps downlink
SIM	yes (opt. embedded SIM)
GSM Antenna connections	yes, SMA
GSM Antenna connections MIMO	yes, SMA
Controller, Memory and OS	
Controller	ARM Cortex-A7, 528 MHz
RAM	512 MB
Flash	4 GB
OS	Linux Distribution with JAVA VM
Programmable	Yes
Configurations	Configuration via Webinterface, SSH
Interfaces	
Ethernet	10/100 MBit/s
USB	USB 2.0 Type A
IO	2 x digital IN / 2 x digital OUT galvanic isolated
RS232	DB9, full RS232
CAN	plug-in screw-type terminal
SD Card	micro SD, up to 64 GB
Power	plug-in screw-type terminal
LED	4 (free programmable)
Other properties	
Configurations	Configuration via Webinterface, SSH
Delivery	
Power supply	yes, 12V DC 1,2A
Wall adapter	yes
Antenna	1 x Omni-directional GSM / UMTS / 3G
Ethernet cable	yes, 1m