



4G (LTE), 3G (UMTS/HSPA+),
2G (GPRS/EDGE)



IEEE 802.11 b/g/n (max. 300 Mbit/s)
WEP/WPA/WPA2 encryption



4x Ethernet (3x LAN, 1x WAN)
2x SIM slots (internal)



Temperature (operating): -30° bis +60°C
Temperature (storage): -40° bis +80°C



OpenVPN encryption
Mode: Client, Server
Protocol: UDP, TCP



Firmware

Configuration profiles
PPPoE/DHCP client for DSL/cable
Dual-SIM switch
Firewall with zone policies
DHCP server
Auto reboot (ping check, schedule)
Customized shell scripts
SSH access
SMS sending and receiving
Web interface with expert mode



Effective: 23.08.2017
Subject to technical changes



LTE-Router MX880

Technical Specifications

Mobile

Mobilfunk

LTE 800/850/900/1800/2100/2600 MHz
LTE max. 100 Mbit/s Download / 50 Mbit/s Upload
UMTS/HSPA+ 850/900/2100 MHz
HSDPA max. 42,2 Mbit/s Download / 5,76 Mbit/s Upload
GPRS/EDGE 900/1800 MHz
GPRS/EDGE max. 236,8 kbit/s Download / 236,8 kbit/s Upload

Ethernet

4 Port Switch (3 x LAN, 1 x WAN, configurable)
10/100 Mbit/s BASE-T
Auto MDI/MDIX

Wi-Fi

IEEE 802.11 b/g/n (2,4 GHz)
WEP/WPA/WPA2 encryption
2T2R (max. 300 Mbit/s)

LED Readout

1 x Power
1 x Mobile connection status
5 x Mobile signal strength
4 x WAN/LAN activity

Firmware

User-friendly web GUI (with expert mode)
Signal strength readout with LEDs and on the web login page
Firewall with zone policies, MAC filter
Auto reboot (ping check, schedule)
DHCP server (with static assignment via MAC)
PPPoE and DHCP client for DSL/Cable/Sat connection
Dual-SIM use, WAN failover
SMS functions (sending/receiving, forwarding, management/
configuration)
NTP Client (configurable synchronisation interval)
Event logging (with SMS/E-Mail/FTP alerts)
Customized shell scripts
Configuration profiles
SSH access

Operating Conditions

Temperature (operating): -30°C to +60°C
Humidity (operating): 10 % to 90 % (noncondensing)

Temperature (storage): -40°C bis +80°C
Humidity (storage): 5 % bis 95 % (noncondensing)

Hardware

560 MHz MIPS CPU
128 MB RAM

Power Supply

9 – 30 V DC, max. 7 W

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OpenVPN

Mode: Client, Server
Protocol: UDP, TCP
LZO compression

Ports

Power supply (pluggable screw terminals)
4 x Ethernet (RJ-45)
Mobile: 2 x SMA (Main, Aux for Rx Diversity/MIMO)
Wi-Fi: 2 x RP-SMA
SIM slots: 2 x 2FF (internal)

Included Accessories

1 Wall plug (Temperature range: 0° to +40°C)
2 Wi-Fi antennae (with articulated arm)
2 Mobile antennae (with articulated arm)
2 Mobile antennae (magnetic foot, 3 meter cable)
1 Ethernet cable
1 Mounting rails (DIN EN 50022)

Dimensions

L x W x H 80 x 106 x 46 mm (without mounting rails)
280 g (without mounting rails)
Mounting rails can be attached to side or back

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