

# LTE ROUTER MX560



**4G/LTE mobile router** at a reasonable price with a broad range of functions and compact size.



## Powerful

- 4G/LTE mobile radio
- WiFi
- **Two Ethernet ports**  
(1x LAN, 1x WAN, configurable)
- OpenVPN encryption



## Reliable

- **Wide temperature range**  
(-40°C to +70°C)
- **DIN rail and wall mounting**  
(holders sold separately)
- **Vibration-resistant power socket**
- WAN fallback



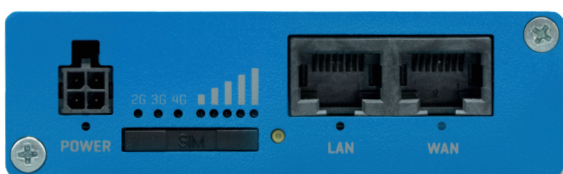
## Versatile use

- **Compact housing**
- Low weight (125 g)
- **Low power consumption**  
(max. 5 W)



## Cost-efficient

- **Reduced hardware complexity**
- Needs-based scope of delivery
- **Quick deployment**



# Technical Specifications

## Mobile communications

LTE 800/900/1800/2100/2600 MHz  
 LTE max. 150 Mbit/s Download / 50 Mbit/s Upload  
 UMTS/HSPA+ 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

## WiFi

IEEE 802.11 b/g/n (2,4 GHz)  
 WEP/WPA/WPA2 encryption  
 1T1R (max. 150 Mbit/s)

## LED

1 x Power on  
 3 x Mobile connection status  
 5 x Mobile signal strength  
 2 x WAN/LAN activity

## Processor

400 MHz MIPS CPU  
 64 MB RAM

## Ethernet

2 port switch (1 x LAN, 1 x WAN, configurable)  
 10/100 Mbit/s BASE-T  
 Auto MDI/MDIX

## OpenVPN

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

## Accessories included

1 Power cable (open cable ends)  
 Optional: DIN rail holder, wall holder, plug-in power supply,  
 DIN rail power supply, antennas, Ethernet cable

## Firmware

User-friendly web GUI (with expert mode)  
 Signal strength readout (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  
 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): -40°C to +70°C  
 Humidity (operating): 10 % to 90 % (non-condensing)  
 Temperature (storage): -40°C to +80°C  
 Humidity (storage): 5 % to 95 % (non-condensing)

## Power Supply

9 - 30 V DC, max. 5 W

## Ports

Power supply (4 pin socket)  
 2 x Ethernet (RJ-45)  
 Mobile: 2 x SMA (Main, Aux for Rx-Diversity/MIMO)  
 WiFi: 1 x RP-SMA  
 SIM slots: 1 x 2FF (external)

## Dimensions

L x B x H 74 x 83 x 25 mm (w/o DIN rail holder)  
 125 g (w/o DIN rail holder)  
 DIN rail mounting optionally on side or rear side