

# CM31 - MBB LTE CAT 6

By Mobiwire

Our LTE Cat. 6 Mobile BroadBand device is a connectivity solution, blending advanced technology with user-friendly features. Operating on the Linux OS, the CM31 delivers a robust and secure platform for versatile usage.

## Bring it with you everywhere

*The compact device allows users to share connectivity with up to 10 devices, fostering a collaborative and connected environment. Compact and portable, lightweight at 100gr, ensuring portability and making it easy to carry in pockets or bags.*

## A durable device

*Equipped with a high capacity 3200mAh battery, the device ensures prolonged usage on a single charge. The removable battery design allows for flexibility, and the inclusion of Power Bank mode enables users to share power with other devices.*

*Designed to withstand daily use, the device has undergone drop tests, ensuring durability and reliability in various environments.*



## Product Description

The dual processors architecture of our product allows to process smoothly LTE and Wi-Fi protocols and large amounts of data, at high speed. MobiWire's Cat. 6 MBB offers a solution for individuals seeking a high-speed, reliable and environmentally conscious mobile broadband experience.

## KEY FEATURES

- 4G cat 6 technology
- WiFi 5 capable
- 70% recycled plastics
- 1.2 meter drop resistant
- Multi-platform web interface (PC, Smartphones)
- Short & convenient Type-C USB cable for efficient charging and connectivity.

# Technical Specifications

## Cellular connectivity

- UMTS Bands (MHz): 850 (B5), 900 (B8), 1900 (B2), 2100 (B1)
- LTE (Cat. 6 - DL 300 Mbps / UL 50 Mbps): FDD 1/2/3/5/7/8/20 / 28AB/38/40/41
- Carrier aggregation 2 CA

## OS

- Linux

## LED indicators:

- Mobile network
- Battery power
- Wi-Fi
- SMS

## Battery

- 3200mAh
- Li-Prismatic 3.85V
- Removable / Power bank mode



## Memory

256MB ROM  
+ 1GB RAM

## Mechanical features:

- On/Off Power key
- Reset Key: Located under the removable battery, allowing users to reset the device as needed
- Eco-conception: Plastic made of 70% PCR

## Chipset

- Cellular: UNISOC UIS8581E Octa-core @ 1.6 GHz
- Wi-Fi: UNISOC UWE5623DU

## Connectors

- Single SIM: Micro (3FF)
- eSIM optional
- USB Type-C connector

## Wireless connectivity

- MIMO 2x2
- Wi-Fi 802.11 b/g/n 2.4G
- Wi-Fi 802.11 ac 5Ghz
- Wi-Fi hotspot up to 10 devices



CONFERENCE



3200 mAh



OPTIONAL



SIM CARD



[www.mobiwiregroup.com](http://www.mobiwiregroup.com)