MIKROTIK

# Chateau LTE7

Your best friend when it comes to mobile networks.




EXPANDED FREQUENCY SUPPORT (B28 & B32)

STRONG DUAL-BAND, DUAL-CHAIN RADIO

LTE CONNECTIONS UP TO 300 MBPS

POWERFUL QUAD-CORE ARM CPU

FAST AND RESPONSIVE LTE CATEGORY 7 MODEM

5X GIGABIT ETHERNET PORTS

Chateau LTE7 keeps the same elegant design, powerful hardware, and flexible RouterOS features that made the Chateau series a global favorite – now upgraded with a faster LTE Category 7 modem, expanded frequency support, and a lower price than the previous LTE6 model.



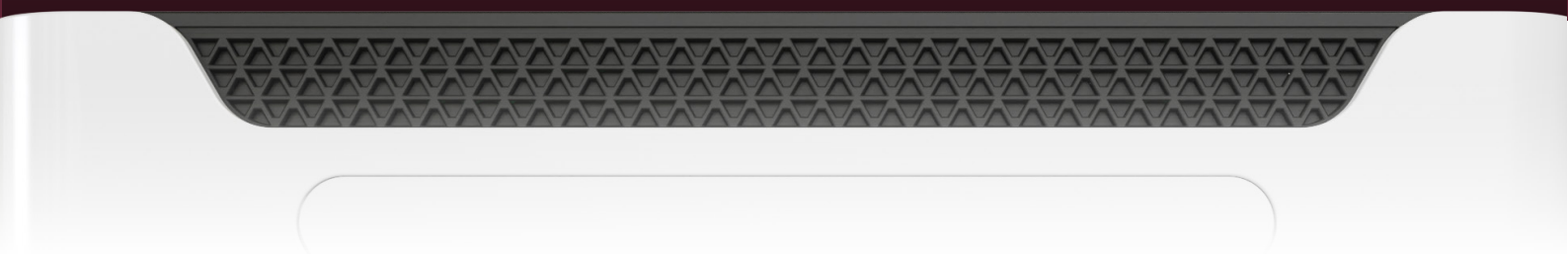

## One router for home, office, and everything in-between

Chateau LTE7 was designed to replace the weak, feature-limited contact routers often supplied by service providers.

It features a purposeful balance of performance, flexibility, and clean design that fits naturally into modern homes and offices – without looking like a piece of industrial equipment.

- 5× Gigabit Ethernet ports for wired devices, NAS, TVs, or PCs
- Use LTE as:
  - your main internet connection
  - or a reliable backup to wired ISP services
- Dual-band, dual-chain Wi-Fi for reliable everyday wireless coverage even in large homes or offices

Whether LTE is your primary connection or a fallback link – Chateau adapts to your setup.



## Powerful when you need it. Simple when you don't.

At the heart of Chateau LTE7 is a powerful quad-core ARM CPU, paired with full RouterOS v7 functionality.

That means you can:

- Run secure VPNs for remote work
- Configure advanced firewall rules
- Set up VLANs and traffic prioritization
- Monitor usage and automate notifications
- Use containers for custom services

Or... you can simply plug it in and forget it exists. Chateau is built to scale with your knowledge and lifestyle – equally useful to network professionals, researchers, homelab enthusiasts, as well as regular households with limited IT skills.

## Powered by RouterOS v7 – automate, adapt, and configure anything to your liking!

Firewalling, VPNs, VLANs, DHCP, routing policies, advanced notifications, GPS data processing, custom scripts – RouterOS v7 gives you full control. No paywalls, no subscriptions, only pure functionality... forever! We have been making our own software since 1996. With each new version our priority remained the same: to provide users with the freedom to explore different setups and always have the right tools for the job.

## Remove the bottleneck in your LTE setup

Chateau supports 2×2 MIMO DL and carrier aggregation. That means it can use multiple LTE bands simultaneously. That's a huge advantage when there are a lot of mobile users in the area. It offers **better responsiveness** in a crowded environment. And **higher efficiency for weaker signal situations** in the countryside. Win-win! We have seen Internet speed doubling in rural areas after enabling carrier aggregation.

## Why Upgrade to CAT7

- Twice the upload speed*
- Expanded frequency support – now includes Band 32 (1500 MHz) for even better performance in congested areas.
- Same trusted design – no changes to installation or configuration.
- Lower cost – better connectivity that actually costs less, especially on volume orders.

** Depending on the LTE tower infrastructure and other variables.*

***You don't have to wait for cable network expansion to have fast and steady Internet at home. Mobile networks are great. If you're using a Chateau.***

## Specifications

| | |
|---|---|
| Product code | D53G-5HacD2HnD-TC&R11e-LTE7 |
| CPU | Quad-Core IPQ-4019 448-896 MHz (auto) |
| CPU architecture | ARM 32bit |
| Size of RAM | 256 MB |
| RAM type | DDR3L |
| Storage | 16 MB Flash |
| Number of 1G Ethernet ports | 5 |
| USB port | 1 (2.0 type A) |
| Switch chip model | IPQ-4019 |
| Wireless interface model | IPQ-4019 (2.4 GHz), IPQ-4019 (5 GHz) |
| Wireless | 2.4 GHz 802.11b/g/n dual-chain, 5 GHz 802.11a/n/ac dual-chain |
| Antenna gain | 2.4 GHz - 2 dBi, 5 GHz - 4 dBi |
| LTE category | 7 (DL: 300 Mbps; UL: 100 Mbps) |
| LTE modem | R11e-LTE7 |
| TAC | 35312597 |
| MIMO DL | 2x2 |
| MIMO UL | 1x1 |
| LTE FDD bands | 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz) |
| LTE TDD bands | 38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz) |
| 3G Category | R8 (DL: 42.2 Mbps; UL: 5.76 Mbps) |
| 3G bands | 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 8 (900 MHz) |
| Dimensions | 240 x 156 x 44 mm |
| Operating system | RouterOS v7, License level 4 |
| Operating temperature | -40°C to +70°C |

## Powering

| | |
|---|---|
| Number of DC inputs | 1 |
| DC jack input Voltage | 12-28 V |
| Power adapter nominal voltage | 24 V |
| Power adapter nominal current | 1.2 A |
| Max power consumption without attachments | 16 W |
| Max power consumption | 21 W |

## Wireless specifications

| Rate (2.4 GHz) | Tx (dBm) | Rx (dBm) |
|---|---|---|
| 1MBit/s | 25 | -100 |
| 11MBit/s | 25 | -94 |
| 6MBit/s | 26 | -95 |
| 54MBit/s | 23 | -78 |
| MCS0 | 26 | -96 |
| MCS7 | 22 | -73 |

| Rate (5 GHz) | Tx (dBm) | Rx (dBm) |
|---|---|---|
| 6MBit/s | 26 | -96 |
| 54MBit/s | 22 | -80 |
| MCS0 | 26 | -96 |
| MCS7 | 21 | -75 |
| MCS9 | 19 | -70 |

## Supported 2xCA combinations

| | |
|---|---|
| B1+B1/3/5/7/8/20/28/32/40/41 (100MHz) | B20+B1/3/7/32/38/40 |
| B3+B1/3/5/7/8/20/28/32/40/41 (100MHz) | B28+B1/3/5/7/32 |
| B5+B1/3/5/7/28/40/41 (100MHz) | B38+B38 |
| B7+B1/3/5/8/20/28 | B40+B40 |
| B8+B1/3/7/20/32/40/41 (100MHz) | B41+B41 (100MHz) |

## Supported 2×CA (UL) LTE bands (Intra-band contiguous only)

| | |
|---|---|
| B1+B1 | B8+B8 |
| B3+B3 | B38+B38 |
| B5+B5 | B40+B40 |
| B7+B7 | B41+B41 |

## Included parts



24 V 1.2 A
power adapter



UTP Flat
Cable (1.5m)