



# Chateau LTE6-US

Your best friend when it comes to mobile networks.

Amazing in the hands of seasoned system administrators.  
Or in a household with zero IT skills. Or anything in-between.  
Chateau can do it all.

*You can connect two  
external LTE antennas  
(not included) for an  
even stronger signal!*

**CARRIER CERTIFIED IN THE US!**



**5X GIGABIT  
ETHERNET PORTS**



**BRAND NEW  
LTE CATEGORY 6 MODEM**



**LTE CONNECTIONS  
UP TO 300 MBPS**



**STRONG DUAL-BAND,  
DUAL-CHAIN RADIO FOR  
MAXIMUM COVERAGE**



**POWERFUL  
QUAD-CORE ARM CPU**

Let's face it – most of the standard mass-produced access points can't really satisfy the extremely diverse client base – they either lack features, users want more speed and higher gain, they look weird with all the spikes and antennas all over the place.. We decided to take all the aspects that truly matter to most home users and create a single device that will make them happy: the MikroTik Chateau.

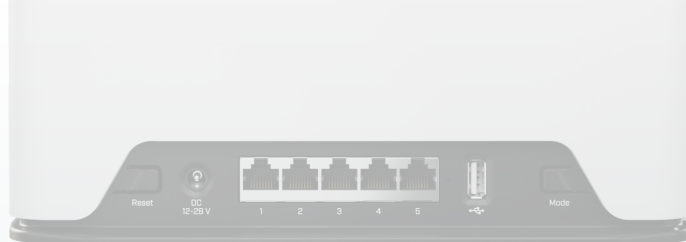
*It is a high-speed, dual-band home access point with a powerful quad-core ARM CPU and our newest CAT6 LTE modem – for really fast Internet anywhere, anytime. But LTE is not the only option – Chateau also features 5 x Gigabit Ethernet ports and a full-sized USB port for extra storage.*



## Remove the bottleneck in your mobile setup

With new rural relocation programmes popping up everywhere, more people have started moving to the countryside – away from the stress and challenges of busy urban areas. Should they be limited by the slower connectivity without the city cable networks, potentially risking all kinds of opportunities in education, entrepreneurship, and even hobbies? Absolutely not!

For most rural households, the limiting factor is a cheap, mass-produced LTE router that can't handle even a fraction of what the local LTE tower could offer. Chateau is designed to solve these problems. Here's an example: the leading mobile operator in Latvia – LMT – started swapping out their previous client routers. Our Chateau replaced the usual brands. And customer satisfaction went through the roof – just like that! Same LTE towers, same data plans, and a brand new Chateau. **What is the point of having brand new phones, excellent LTE coverage, high-end laptops, and so on... if your old router is the bottleneck?**



*Chateau features two integrated LTE antennas (2x2 MIMO compatible) for strong mobile connectivity out of the box. For improved performance in low-signal areas, you can connect up to two external LTE antennas (not included) via the SMA female connectors.*

## The freedom of LTE

Reach consistent speeds of up to 300 Mbps with carrier aggregation, as CAT6 allows devices to use multiple bands simultaneously. That is a huge advantage in areas with many LTE users. Chateau LTE6 provides better responsiveness in a crowded environment and higher efficiency for weaker signal situations in the countryside. Depending on the service provider, we have seen Internet speed doubling in rural areas after switching to carrier aggregation, so there is no need to wait for cable network expansions.

## Perfect for all walks of life

Chateau comes with all the advanced RouterOS features, so you're getting enterprise-level solutions with consumer-grade pricing. Run a secure VPN from the office directly to your home, enable all kinds of parental control, dive deep into specific firewall rules and IPsec hardware acceleration, configure VLANs, set up e-mail or SMS notifications... You can even automate complex trigger notifications. For example: "WARNING, WARNING! Your bandwidth has reached X amount for Y duration!" **If you can imagine it – RouterOS can achieve it.**

However, if you don't need all the complex stuff – Chateau can still be your best friend. In fact, this is the best choice for mobile operators that don't want their clients to do any configuration. Chateau supports the TR-069 technology that allows creating custom remote client management options. You can have the most straightforward and basic router settings on the same web-page that you are using to pay the mobile bill. And we offer different label or printed branding options on volume orders.

## • Specifications

Product code	D53G-5HacD2HnD-TC&EG06-A
CPU	IPQ-4019 488-896 MHz auto
CPU architecture	ARM 32bit
CPU core count	4
Size of RAM	256 MB
RAM type	DDR3L
Storage	16 MB, Flash
Number of 1G Ethernet ports	5
USB	1 USB 2.0 port type A
Switch chip model	IPQ-4019
Wireless	2.4 GHz 802.11b/g/n dual-chain, 5 GHz 802.11a/n/ac dual-chain
Wireless antenna max gain	2.4 GHz (3 dBi), 5 GHz (5.5 dBi)
Antenna beam width	360°
Antenna connector	2x SMA female for LTE
LTE category	6 (300Mbit/s Downlink, 50Mbit/s Uplink)
LTE modem	EG06-A
TAC	01619900
LTE FDD bands	2 (1900MHz) / 4 (1700MHz) / 5 (850MHz) / 7 (2600MHz) / 12 (700MHz) / 13 (700 MHz) / 25 (1900MHz) / 26 (850MHz) / 29 (700 MHz) / 30 (2300 MHz) / 66 (1700MHz)
3G Category	R8 (42.2Mbps Downlink, 5.76Mbps Uplink)
3G Bands	2 (1900MHz) / 5 (850MHz)
Dimensions	240 x 156 x 44 mm
Operating system	RouterOS, 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 voltage	1.2 A
Max power consumption without attachments	14.3 W
Max power consumption	19 W

## • Supported 2xCA LTE bands

B2 + B2/B5/B12/B13/B29	B4 + B4/B5/B12/B13/B29
B7 + B5/B7/B12/B26	B25 + B5/B12/B25/B26
B30 + B5/B12/B29	B66 + B5/B12/B13/B29/B66

## • Wireless specifications

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

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

## • Included parts



24 V 1.2 A  
power adapter



UTP Flat  
Cable (1.5m)