Chateau 5G

One router to delight them all – introducing the ultimate home AP with ultra-fast LTE/5G support

The world is changing. With so many people working remotely, mobile operators are facing new connection speed and stability requirements. The answer is 5G, and we have made a single device that will satisfy the most diverse client base. From a regular household with no tech background to the most advanced groups of system administrators and engineers, the Chateau series has something for everyone.

It is a high-speed, dual-band home access point with LTE/5G support – for really fast Internet anywhere, anytime. There are many options to choose from, depending on your needs: from CAT4 LTE up to the CAT20 LTE and the ultra-fast 5G. But LTE is not the only option – Chateau also features 5 x Gigabit Ethernet ports and a full size USB port.

Perfect for busy homes

Strong dual-chain dual-band 2.4/5 GHz wireless for concurrent coverage will solve most interference issues in a crowded environment. For example, a client can simultaneously use the 2.4 GHz channel for all household mobile devices and reserve the 5 GHz channel for tasks that are sensitive to packet loss – such as streaming high-quality videos.

Built with security in mind

Not only our RouterOS software comes with robust security options, we also focus on the production security. There is no outsourcing, every device is assembled in our premises and all the components come from reputable, trusted partners – such as Qualcomm. We cooperate with European law-makers and work hard to ensure full compliance with all the necessary safety policies. MikroTik is all about smooth, long-term cooperation without surprises.

Chateau has powerful integrated antennas , but you can connect external LTE antennas (included with some models) for even stronger signal.

Let's make more clients happy with MikroTik Chateau!

Adaptability for your specific business and branding needs

Chateau can be customized: you can choose a variety of labels, we can print your branding, if necessary. And there is another great feature – you can use TR-069 technology to create a custom remote client management option. You can choose how much control your clients need and which features of the highly versatile RouterOS they get to use. Some operators use this to allow users to configure the router via the same web-page they use to pay bills, others restrict novice users from meddling with the settings to provide better browsing experience in the long run.

Specifications

Product code	RBD53G-5HacD2HnD-TC&RG502Q-EA
CPU	4 core IPQ-4019 716 MHz
Size of RAM	256 MB
Storage	16 MB flash
Number of 1 GbE Ethernet ports	5
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)
LTE modem	R11mL-RG502Q-EA
Antenna beam width	360°
Supported input voltage	DC jack 12 - 28 V
Dimensions	240 x 156 x 44 mm
Operating temperature	-30°C to +70°C
Operating system	RouterOS
USB port	1 USB 2.0 port type A

Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Receive Sensitivity		Rate (5 GHz)	Tx (dBm)	Receive Sensitivity
1MBit/s	25	-100		6MBit/s	26	-96
11MBit/s	25	-94		54MBit/s	22	-80
6MBit/s	26	-96		MCS0	26	-96
54MBit/s	23	-78		MCS7	21	-75
MCS0	26	-96		MCS9	19	-70
MCS7	22	-73				

Included parts

24 V 1.2 A
power adapter

2 external LTE/5G
antennas

UTP Flat
Cable (1,5m)