Item no.: CHATEAU-LTE6-AX

S53UG+5HAXD2HAXD-TC&FG621-EA - MIKROTIK Chateau LTE6 AX

from **174,86 EUR**

Item no.: CHATEAU-LTE6-AX
shipping weight: 1.20 kg
Manufacturer: MikroTik

📄 Product Description

Are you tired of those suspicious, low-quality default routers from your service providers? So many households are switching to mobile internet, but those default routers can really ruin the experience. Not only do they lack features, speed, and power, the designs can get weird with all the black boxes and spiky antennas. That's why we decided to take everything we've learned over the last 20 years of networking excellence and create a single device that will make most households happy: the MikroTik Chateau. It features a purposeful balance of extensive features, accessible pricing, and classy design that will fit right in.

Compared to the regular Chateau LTE6, this version features a supercharged quad-core ARM CPU running at 1.8 GHz. It can handle even the most complex tasks without breaking a sweat. You can run complex firewall rules, provide encrypted VPN tunnels for an entire office, run the most demanding container apps right on your router, and more! The addition of 2.5 Gigabit Ethernet gives you even more options. You can use the ultra- fast port to connect extra devices – like a home media server – or use it as your primary ISP connection while keeping the LTE modem for backup.

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.

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.

Specifications

- Product code S53UG+5HaxD2HaxD-TC&FG621-EA
- Architecture ARM 64bit
- CPU IPQ-6010
- CPU core count 4
- CPU nominal frequency auto MHz
- Switch chip model IPQ-6010
- RouterOS license 4
- Operating System RouterOS v7
- Size of RAM 1 GB
- Storage size 128 MB
- Storage type NAND
- MTBF Approximately 200'000 hours at 25C
- Tested ambient temperature -40°C to 70°C

Wireless capabilities

- Wireless 2.4 GHz Max data rate 574 Mbit/s
- Wireless 2.4 GHz number of chains 2
- Wireless 2.4 GHz standards 802.11b/g/n/ax
- Antenna gain dBi for 2.4 GHz 2
- Wireless 2.4 GHz chip model QCN-5022
- Wireless 2.4 GHz generation Wi-Fi 6
- Wireless 5 GHz Max data rate 1200 Mbit/s
- Wireless 5 GHz number of chains 2
- Wireless 5 GHz standards 802.11a/n/ac/ax
- Antenna gain dBi for 5 GHz 4
- Wireless 5 GHz chip model QCN-5052
- Wireless 5 GHz generation Wi-Fi 6
- WiFi speed AX1800

Mobile

- 3G Category R8 (42.2Mbps Downlink, 11.2Mbps Uplink)
- 3G bands 1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
- LTE Category 6 (300Mbit/s Downlink, 50Mbit/s Uplink)
- MIMO DL 2x2
- MIMO UL 1x1
- LTE FDD bands 1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 28 (700MHz)
- LTE TDD bands 38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
- TAC 86335904

Ethernet

- 10/100/1000 Ethernet ports 4
- Number of 2.5G Ethernet ports 1

Peripherals

- Number of SIM slots 1 Modem (Micro SIM)
- Number of USB ports 1
- USB Power Reset Yes
- USB slot type USB type A
- Max USB current (A) 1

Powering

- Number of DC inputs 1 (DC jack)
- DC jack input Voltage 12-28 V
- Max power consumption 17 W
- Max power consumption without attachments 13 W
- Cooling type Passive
- Certification & Approvals
- Certification CE, EAC, ROHS
- IP 20

Other

- PCB temperature monitor Yes
- Voltage Monitor Yes
- Mode button Yes

🗎 Specifications

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prices and availability