

Item no.: 384948

S53UG+M-5HAXD2HAXD-TC&RG502Q-EA - Chateau 5Gax, Gen.6 version of Chateau 5G, improved CPU, 2.5Gb E.

from **545,80 EUR**

Item no.: 384948
shipping weight: 1.50 kg
Manufacturer: MikroTik



Product Description

On the surface, the new Chateau is very similar to its predecessors. We had a fantastic 5G and LTE18 launch with our partners at LMT - the leading mobile operator in Latvia. Our Chateau has replaced the usual brands - and customer satisfaction has skyrocketed. Most users appreciated the better speed and stability, as well as the wealth of useful RouterOS features and overall flexibility. Not to mention the sleek look that fits anywhere from traditional homes and luxury residences to modern office and corporate environments. The next obvious step in the Chateau series was perfecting the wireless features. With the Generation 6 802.11ax wireless standard and support for Wave 2, Chateau 5G ax delivers unprecedented speeds. Compared to the previous generation, the speed is up to 40% faster in the 5 GHz range and up to 90% faster in the 2.4 GHz range! We have made massive improvements to the radios and antennas. Chateau 5G ax supports MIMO 4x4 on 5G and LTE. There are 6 inbuilt LTE/5G antennas. One pair of external antennas provides even better wireless network coverage in the largest homes and the other for improved LTE/5G connectivity. With speeds like these, the connections had to be up to the task. We kept four Gigabit Ethernet ports and added an additional 2.5 Gigabit Ethernet port. Not forgetting the USB port, which can be very useful for storage purposes. The modern quad-core 1.8 GHz CPU combined with a solid GB of RAM is very powerful when it comes to complex firewall rules, IPsec hardware encryption, using multiple threads or experimenting with advanced RouterOS features. And with the added support of advanced WPA3 encryption, you are more secure than ever before. Mobile Internet has never been so fast in a perfect setup and the ideal environment, the 5G modem can reach incredible speeds: up to 5 Gbps for downloads and up to 900 Mbps for uploads. But even without reaching the maximum capacity, you still get an ultra-fast connection that outperforms the best copper and fibre networks! The most advanced software on the market - RouterOS. We've been making our own software since 1996. And over the years, we have succeeded in developing the most powerful and flexible network software on the market. With each new version, our priority has remained the same: to give users the freedom to explore different setups and always have the right tools for the job. Run a secure VPN from the office directly to your home, enable parental controls, QoS (prioritisation of traffic for specific needs, e.g. streaming), complex firewall rules, IPsec hardware acceleration, VLAN, email or SMS notifications... You can even automate complex trigger notifications ("Your bandwidth has reached X for Y minutes!") and change queues based on bandwidth utilisation. If you can imagine it - RouterOS can achieve it. There are no paywalls and no confusing subscriptions. You get all the features - from consumer to enterprise grade. For mobile operators and ISPs, this is groundbreaking. At last - a single product that satisfies all kinds of people. Security at a glance. RouterOS not only has robust security options, we also focus on production security. There is no outsourcing, every Chateau device is assembled at our EU contract manufacturers and all components are sourced from reputable, trusted partners - like Qualcomm. We work with European legislators and are committed to ensuring that all necessary safety guidelines are met. MikroTik stands for smooth, long-term cooperation without surprises. Jack of all trades... master of many! Chateau is a remarkable choice for any mobile operator. It can be customised with a variety of labels or printed branding. Plus, operators can use TR-069 technology to create customised remote client management options, such as router configuration from the same web page customers use to pay their mobile bill. Advanced users, experienced sysadmins and network enthusiasts can benefit from the amazing depth of RouterOS. Non-technical households can skip all that and use a simple, straightforward website instead. Now is the time for great networking without compromise. Secure remote working options and blazing fast internet connectivity are no longer a luxury. They're a necessity. And Chateau is the solution. Specifications Details - Product code S53UG+M-5HaxD2HaxD-TC&RG502Q-EA- Architecture ARM 64bit- CPU IPQ-6010- CPU core count 4- CPU nominal frequency auto (864-1800) MHz- Switch chip model IPQ-6010- Dimensions 240 x 156 x 44 mm- RouterOS licence 4- Operating system RouterOS v7- RAM size 1 GB- Memory size 128 MB- Memory type NAND- MTBF approx. 200,000 hours at 25C- Tested ambient temperature -40°C to 70°C- IPsec hardware acceleration Yes- Power supply Details- Number of DC inputs 1 (DC socket)- DC socket input voltage 12-28 V- Maximum power consumption 19 W- Maximum power consumption without attachments 16 W- Cooling type passive- Mobile Details- 3G category R8 (42.2Mbps downlink, 5.76Mbps uplink)- 3G bands 1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 6 (850MHz) / 8 (900MHz) / 19 (800 MHz)- LTE category 20 (2.0 Gbps downlink, 200 Mbps uplink)- MIMO DL 4x4- MIMO UL 1x1- LTE FDD bands 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 18 (800 MHz) / 19 (800 MHz) / 1 (2100MHz) / 20 (800MHz) / 26 (850MHz) / 28 (700MHz) / 32 (1500 MHz) LTE TDD-Bands 34 (2000 MHz) / 38 (2600MHz) / 39 (1900MHz) / 40 (2300MHz) / 41 (2500MHz) / 42 (3500MHz) / 43 (3700MHz)- 5G NSA FDD bands 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz)- 5G NSA TDD bands 38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz) / 77 (3700 MHz) / 78 (3500 MHz) / 79 (4700 MHz)- 5G SA FDD bands 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz)- 5G SA TDD bands 38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz) / 77 (3700 MHz) / 78 (3500 MHz) / 79 (4700 MHz) TAC 86073604 Wireless specifications Details- 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 3- 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 6- Wireless 5 GHz chip model QCN-5052- Wireless 5 GHz generation Wi-Fi 6 Ethernet Details- 10/100/1000 Ethernet ports 4- Number of 2.5G Ethernet ports 1- Peripherals Details- 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- Number of M.2 Slots 1- Other Details- PCB Temperature Monitoring Yes- Voltage Monitoring Yes- Mode Button Yes- Certification & Approvals Details- Certification CE, EAC, ROHS- IP 20

Specifications

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