



MIKROTIK LHGGR&R11E-LTE7 LHGG LTE7 KIT



link to the product:

<https://www.batna24.com/gb/p/lte-5g/mikrotik-lhgrr11e-lte7-lhgg-lte7-kit>

Price: **595.65 zł** gross / 484.27 zł net



Manufacturer: MIKROTIK

Referention number: DNXGKPIJFRMMHJ

Information:

LHGG LTE7 kit is an outdoor LTE access point designed for use in areas with poor coverage and no cable infrastructure. The high-gain 17 dBi mesh antenna and LTE Cat7 modem with carrier aggregation provide a stable connection and speeds of up to 300 Mb/s download and 100 Mb/s upload. The wind-resistant design with an IP54 enclosure operates in temperatures from -40°C to 70°C, and PoE power makes mast installation easier. A Gigabit Ethernet port, 800 MHz ARM processor, 256 MB RAM and RouterOS v7 provide efficient and flexible network configuration.

Full product description

Stable Internet in difficult conditions thanks to a 17 dBi gain antenna

The LHGG LTE7 kit outdoor access point provides stable network access in areas without cable infrastructure and in places with weak mobile coverage. The device eliminates the problem of a fading signal in remote locations, offering a strong and uninterrupted connection to the mobile network. The design integrates an efficient mesh antenna with a gain of **17 dBi** and an advanced modem, which sets this model apart from standard home routers and allows it to be mounted directly on outdoor masts.



Key advantages

- Fast data upload of up to **100 Mb/s** – makes it easier to install CCTV systems smoothly and work remotely without issues via encrypted VPN connections.
- Data download speeds of up to **300 Mb/s** – shortens multimedia loading times and guarantees network stability with many users at the same time.
- Wind-resistant mesh construction – reduces air resistance, protecting the installation from being torn off or shifted during strong gusts and storms.
- Efficient dual-core **ARM 800 MHz** processor – guarantees lightning-fast data packet processing and stable operation of the RouterOS operating system.
- Wide support for **B28 and B32** bands – enables the use of lower radio frequencies, which penetrate obstacles better and reach greater distances.
- **PoE-In 802.3af/at** power supply – transmits power and data over a single network cable, simplifying installation on high masts without additional power cables.



Fast data upload and download

The installed **LTE Cat7** modem supports carrier aggregation, which directly results in more stable transfer during periods of heavy base station load. The device doubles upload speeds compared with older models, achieving **100 Mb/s upload** and **300 Mb/s download**. This performance eliminates video buffering and delays during video conferences, directly improving work and entertainment comfort in households and businesses in rural areas.



Mechanical durability and thermal stability

The outdoor enclosure with an **IP54** protection rating effectively protects electronic components from dust and precipitation. The equipment withstands extreme temperature fluctuations in the range of **-40°C to 70°C**, ensuring uninterrupted operation both during frosty winters and hot summers. The built-in, substantial passive heatsink dissipates heat generated by the processor, preventing the system from overheating even under full, long-term network load.



Fast data transmission thanks to the Gigabit Ethernet port

The device is equipped with one **Gigabit Ethernet 10/100/1000 Mb/s** port, which prevents bottlenecks in a home or business wired network. This port allows you to fully use the potential of the mobile modem, delivering full packet speed directly to a switch or internal access point. In addition, support for the **PoE-In standard with 12-57 V** voltage eliminates the need to run a dedicated electrical installation to the roof or antenna mast.



Advanced network management with RouterOS v7

The installed **RouterOS v7** operating system with a level 3 licence offers network administrators advanced tools for traffic management, bandwidth shaping and security configuration. The **256 MB** RAM supports smooth operation of firewall rules, VPN tunnels and static routing. The device has one **Micro SIM** card slot and one MiniPCI-e slot, which makes it easier to manage the operator connection and ensures a stable network identity in telecommunications structures.



Technical specification

Parameter	Value
Product code	LHGGR&R11e-LTE7
Architecture	ARM 64-bit
Processor	88F3720 (2 cores, 800 MHz)
RAM	256 MB
Flash memory	16 MB
Operating system	RouterOS v7 (Level 3 licence)
Ethernet ports	1x 10/100/1000 Mb/s (Gigabit)
LTE category	7 (300 Mb/s download, 100 Mb/s upload)
3G category	R8 (42.2 Mb/s download, 5.76 Mb/s upload)
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)
Antenna gain	17 dBi
SIM slots	1x Micro SIM
Expansion slots	1x MiniPCI-e
PoE power supply	PoE-In 802.3af/at (Voltage 12-57 V)
Maximum power consumption	8 W
IP protection class	IP54
Operating temperature	From -40°C to 70°C
Estimated mean time between failures (MTBF)	Approximately 200,000 hours at 25°C