

MikroTik



LMT 5G

Specifications

Product code	RBD53G-5HacD2HnD-TC&RG502Q-EA
CPU	4 core IPQ-4019 716 MHz
Size of RAM	256 MB
Storage	16 MB flash
1G 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)
5G	NSA (5.0 Gbps downlink, 650 Mbps uplink) SA (4.2 Gbps downlink, 900 Mbps uplink)
LTE category	20 (2.0 Gbps downlink, 200 Mbps uplink)
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
Micro SIM slots	1
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			

Frequency bands

5G NR NSA	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79
5G NR SA	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79
LTE-FDD	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32
LTE-TDD	B34/B38/B39/B40/B41/B42/B43
WCDMA	B1/B3/B5/B6/B8/B19
MIMO	DL: 4 x 4 UL: 2 x 2

Included parts

	24 V 1.2 A power adapter
	2 external LTE/5G antennas
	UTP Flat Cable (1,5m)