

SimRush 5G ATL20

With a powerful 16 dBi directional antenna, 4x4 MIMO support, 512 MB of RAM, a modern dual-core ARM CPU, and a wide range of supported bands, ATL 5G is built to perform — whether you’re deep in the countryside or surrounded by signal noise in the city. And with Gigabit Ethernet and PoE-in support, installation is cleaner and simpler — just a single cable for both power and data.

ATL 5G features 4 high-gain middle-band antennas and 4 low-band antennas, including full Band 28 support for both LTE and 5G. That means exceptional coverage in all the frequencies that really matter, including from 700 MHz to 1 GHz — the sweet spot for rural reach and wall penetrating reliability.



Specification	Details
Product name	ATLGM&RG520F-EU
CPU	Dual-Core 88F3720 800 MHz
CPU Architecture	ARM 64bit
Size of RAM	512 MB
Storage	32 MB Flash
Number of 1G Ethernet ports	1
Number of M.2 slots	1
SIM slots	1 Micro SIM, eSIM
LTE modem	R11mL-RG520F
TAC	86945405
Antenna gain	16 dBi
MIMO DL	4x4
5G SA Category	4.2 Gbps Downlink, 900 Mbps Uplink

5G SA FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz)
5G SA TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz) / 75 (1500 MHz) / 76 (1500 MHz) / 77 (3700 MHz) / 78 (3500 MHz)
5G NSA Category	5.0 Gbps Downlink, 650 Mbps Uplink
5G NSA FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz)
5G NSA TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz) / 75 (1500 MHz) / 76 (1500 MHz) / 77 (3700 MHz) / 78 (3500 MHz)
LTE Category	20 (2.0 Gbps Downlink, 200 Mbps Uplink)
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 28 (700MHz) / 32 (1500 MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz) / 42 (3500MHz) / 43 (3700MHz)
3G Category	R8 (42.2Mbps Downlink, 5.76Mbps Uplink)
3G bands	1 (2100MHz) / 5 (850MHz) / 8 (900MHz)
Dimensions	311 x 311 x 179 mm
Operating system	RouterOS v7, License level 3
Operating temperature	-40°C to +70°C
DC input	PoE-In
Input Voltage	12–56 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
PoE-In	802.3af/at
Max power consumption (without attachments)	10 W
Max power consumption	10 W