MIKROTIK

R11e-LTE7

quick LTE drop-in upgrade for mobile integrators



The next-generation miniPCIe LTE CAT7 modem for your RouterBOARDs. Drop-in replacement for FG621-EA – now offering 300 Mbps down / 100 Mbps up, with added Band 32 & Band 28 support.

Perfect for LtAP, RBM33G, or any system with miniPCIe or USB (if you're using an adapter). Compared to the previous FG621 version, this miniPCIe unit has a smaller form-factor, so it should fit better inside more devices. Upgrade your mobile connectivity without changing the whole setup!

Specifications

Product code	R11e-LTE7
LTE modem	ASR1828
TAC	35312597
Format	miniPCIe
LTE Category	7 (300Mbps Downlink, 100Mbps 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) / 32 (1500 MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 5.76Mbps Uplink)
3G bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
RF connector type	2 uUFL
Operating system	RouterOS
Max power consumption	5 W
Operating temperature	-10°C to +55°C

Supported 2xCA combinations

B1+B1/3/5/7/8/20/28/32/40/41 (100MHz)	B20+B1/3/7/32/38/40
B3+B1/3/5/7/8/20/28/32/40/41 (100MHz)	B28+B1/3/5/7/32
B5+B1/3/5/7/28/40/41 (100MHz)	B38+B38
B7+B1/3/5/8/20/28	B40+B40
B8+B1/3/7/20/32/40/41 (100MHz)	B41+B41 (100MHz)

Supported 2×CA (UL) LTE bands (Intra-band contiguous only)

B1+B1	B8+B8
B3+B3	B38+B38
B5+B5	B40+B40
B7+B7	B41+B41