R11e-LTE6

The R11e-LTE6 is an LTE CAT6 modem that delivers up to 300 Mbps downlink and 50 Mbps uplink data rate with 3G and 2G network fallback. CAT6 also features carrier aggregation and allows the device to use multiple bands at the same time. This miniPCIe form factor modem is designed for international bands.

It can be used with any of our products that have miniPCIe slot (exceptions RB800 and RB4011).



Specifications

Product code	R11e-LTE6
Format	miniPCIe
LTE category	6 (300 Mbps downlink, 50 Mbps uplink)
3G category	R7 (21 Mbps downlinks, 5.76 Mbps uplink) R8 (42.2 Mbps downlink, 5.76 Mbps uplink)
2G category	Class12
Connectors	2 U.FL
IP support	IPv4, IPv6
Dimensions	51 x 30 x 5 mm
Operating ambient temperature	-30°C .. +70°C
Supported OS	RouterOS
Max power consumption	5 W

Supported bands

R11e-LTE6	
LTE (FDD) bands	1(2100)/2(1900)/3(1800)/5(850)/7(2600)/8(900)/12(700)/17(700)/20(800)/25(1900)/26(850)
LTE (TDD) bands	38(2600)/39(1900)/40(2300)/41n(2500)
3G bands	1(2100)/2(1900)/5(850)/8(900)
2G bands	2(1900)/3(1800)/5(850)/8(900)

Supported 2xCA LTE bands

1+1/5/8/20	2+2/5/12/17	3+3/5/7/8/20	7+7/8/12/20	8+8
12+12	38+38	39+39/41	40+40	41+41

R11e-LTE6 only supports inter-band CA and contiguous intra-band CA