



Region: Americas

Air Interface: 4G LTE Cat-4

Carrier: Sierra Wireless, Verizon, AT&T, T-Mobile, Sprint

AirPrime® RC7611 IoT Module

Reliable 4G LTE Cat-4 M2M connectivity for the Americas

The RC7611 module is part of the RC Series that lowers total cost of ownership (TCO) by offering a module with Ready-to-Connect embedded SIM to instantly connect devices anywhere in the world. The industrial-grade CF3® (Common Flexible Form Factor) footprint future-proofs designs, enabling you to build IoT products on the most scalable module platform in the world.

This LTE Cat-4 embedded module delivers up to 150Mbps download speed and is ideal for IoT applications requiring broadband connectivity such as video surveillance, info entertainment, telematics, and mission-critical networking applications.

Technical Specifications

4G LTE

Category Cat-4

Frequency Bands B2, B4, B5, B12, B13, B14, B25, B26, B66, B71

DATA SPEED

Peak Download Rate 150 Mbps

Peak Upload Rate 50 Mbps

LOCATION SERVICES

Satellite Systems Galileo, Glonass, GPS, BeiDou

EMBEDDED SOFTWARE

Firmware Secure boot, Pre-certified firmware

Audio Codec: HR, FR, EFR, AMR, Digital Audio, DTMF, Echo Cancellation & Noise Reduction, PCM, VoLTE

System Drivers Windows® 10, Linux Driver: Standard ECM, Android RIL

INTERFACES

UART 1 X 8-wire

USB 1

I2C 1

ADC 2

GPIO 8

Tx ON Indicator 1

SIM interface 1.8V/3V 1

HARDWARE

CF3 Form Factor LGA, Snap-in socket option

Dimensions 22x23x2.5mm

Antenna Diversity, MIMO

Temperature Range Industrial Grade: -40°C / +85°C

APPROVALS

Carrier AT&T, Sprint, T-Mobile, Verizon, Sierra Wireless
Regulatory FCC, GCF, IC, PTCRB

EMBEDDED SIM (Sierra Wireless USIM)
Optional Ready-to-
Connect

CLOUD SERVICES Free Unlimited FOTA upgrades, Connectivity Management option, Device Management option