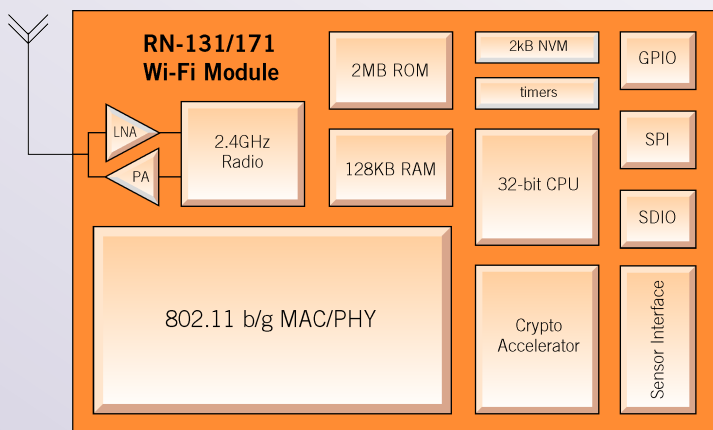




Wi-Fi

Complete Embedded TCP/IP Solution 802.11 b/g Wi-Fi Module



RN-171

- Complete onboard TCP/IP stack
- Small 27mm x 18mm package
- Ultra-low 4 μ A sleep current while only using 30mA in receive and 185mA in transmit at 10 dBm
- Full TCP/IP stack capable of both infrastructure and adhoc networking modes
- GPIO and analog sensor inputs
- Host microcontroller interface: UART & SPI slave

	RN-171	RN-131
Power Consumption		
Sleep	4 μ A	4 μ A
RX	30mA	40mA
TX	130mA (0dBm) 185mA (10 +dBm)	210mA (+18dBm)
Typ. Range	~140m chip antenna ~185m external antenna	~200m chip antenna ~300m external antenna
Size (mm)	27 x 18 x 3.1	37 x 20 x 4