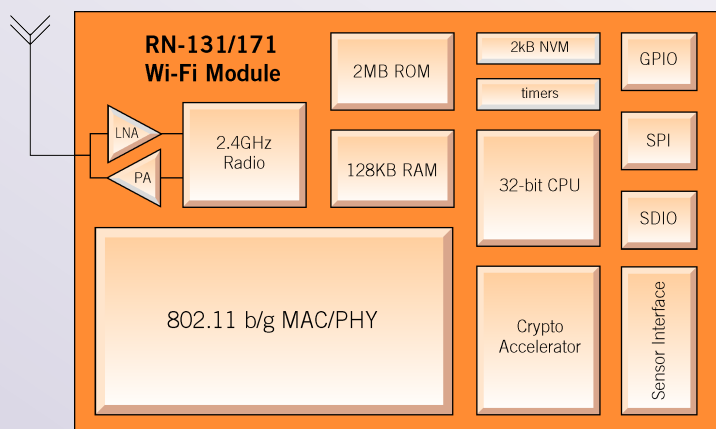




Wi-Fi

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



RN-131

- Qualified 2.4GHz IEEE 802.11b/g transceiver
- Ultra-low power - 4uA sleep, 40mA Rx, 210mA Tx (max)
- On board ceramic chip antenna and U.FL connector for external antenna
- UART hardware interface
- 10 general purpose digital I/O
- 8 analog sensor interfaces
- Real-time clock for wakeup and time stamping
- Supports Adhoc connections
- On board ECOS -OS, TCP/IP stacks
- Industrial (RN-131G) and commercial (RN-131C) grade temperature options

	RN-171	RN-131
Power Consumption		
Sleep	4μA	4μA
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