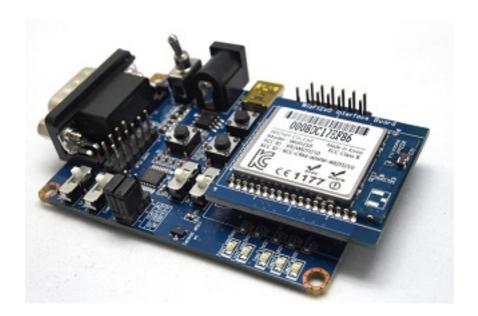# WizFi220-EVB

WizFi220-EVB – Evaluation Board for WizFi210 module

- Bring WiFi connectivity via Serial Host Interface
- Quick Booting Time : under 20msec
- Ultra Low Power through Dynamic Power Management (34μA at the Standby mode)
- Operates with standard 802.11b/g/n access point at speed up to11Mbps (802.11b)
- Security Protocol : WEP, WPA/WPA2-PSK, Enterprise (EAP-FAST, EAP-TLS, EAP-TTLS, PEAP)
- Operation Temperature : -40℃ ~ 85℃
- Compact Size : 32 x 23.5 x 2.9 (mm)
- CE, FCC, KCC Certified

Specification

Specifications	Description
Radio Protocol	IEEE 802.11b/g/n Compatible
Supported Data Rates	11, 5.5, 2, 1 Mbps (IEEE 802.11b)
Modulation	DSSS and CCK
RF Operating Frequency	2.4 - 2.497 GHz
Antenna Options	Chip antenna and U.FL connector for external antenna
Networking Protocols	UDP, TCP/IP (IPv4), DHCP, ARP, DNS, HTTP/HTTPS Client and Server(**)
Power Consumption (Typical)	Standby = 34.0 μA Receive = 125.0 mA Transmit = 290 mA
RF Output Power (Typical)	17dBm ± 1.5dBm
Security Protocols	WEP, WPA/WPA2–PSK, Enterprise, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP(**)
I/O Interface	UART, SPI(**), I2C(*), WAKE, ALARM, GPIOs
Power Source	3.3V
Dimensions	32 x 23.5 x 3 mm

(*) is supported by software customizing
(**) is supported by dedicated firmware