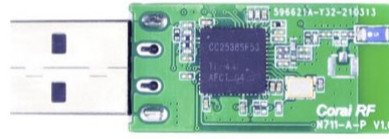


N732HP, CC2650 Dongle



N732HP Dongle Introduce

N732HP CC2650 ZigBee/BLE 4.2 dongle designed for 2400Mhz band. Up to +5 dBm output power and down to -100 dBm sensitivity at 250 kbps.

N732HP is a small ZigBee/BLE dongle for ZigBee network or BLE network. All of the N732HP 's electronics (Including an antenna) reside on a single PCB.

The CC2650 dongle based TI wireless MCU CC2650 and UART to USB chip. The dongle available frequency is from 2360M --2500Mhz. The hardware is designed for maximum range, 80m + Range (Line of Sight, 250 kbps).

N732HP dongle integrated TI CC2650, pcb antenna, LED, key, and UART TO USB chip. N732HP dongle supports Multiple protocols, eg: ZigBee and BLE 4.2. AT command supports.

N732HP is suitable for ISM band in China, EU and USA.

CC2650 integrated :

- Powerful ARM® Cortex® -M3
- EEMBC CoreMark® Score: 142
- Up to 48-MHz Clock Speed
- 128KB of In-System Programmable Flash
- 8KB of SRAM for Cache
- 20KB of Ultralow-Leakage SRAM
- 2-Pin cJTAG and JTAG Debugging
- Supports Over-The-Air Upgrade (OTA)

N732HP Dongle Parameter

Model	N732HP
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dongle Interface	USB 2.0
Frequency	2400M --2500Mhz
RF Data Rate	250 - 5000 kbps
Transmitting Power	+5 dBm
Receiving Sensitivity	-100 dBm at 250 kbps
TX Current	26 mA
RX Current	16 mA
Frequency Deviation	+/- 1 khz
Communication Distance	10 – 80 m(Visual distance)
Antenna Interface	PCB antenna
Installation Mode	USB PLUG
Volume (mm)	37 mm x 17 mm x 7 mm
Operating Voltage	+ 5 V
Working Temperature and Humidity Environment	Temperature: -40 - 80 °C; Humidity 10-95 %RH
Storage Temperature and Humidity Environment	Temperature: -40 - 80 °C; Humidity 10-95 %RH
Weight (kg)	≈10g

Application Area

multiprotocol 2.4GHz wireless microcontroller (MCU) supporting

Thread;

Zigbee®;

Bluetooth® 4.2 low energy;

IEEE 802.15.4;

IPv6-enabled smart objects (6LoWPAN)

Ordering Information

N732HP -CC2650 -2400M RF dongle CC2650 5mW – 2360-2500Mhz

More information please contact with us.