



BUB512R

Bluetooth5.0 Dual Mode USB Dongle (External Antenna)

Product Introduction

Key Features

- Bluetooth specification V5.0 compliant (2.402~2.48GHZ ISM Band)
- Chipset : RTL8761B
- Support BR/EDR/LE, Bluetooth dual mode
- Full-speed USB 2.0 interface
- Distance up to 50 meters. Data Rate up to 3Mbps
- OS support: Win7、Win8、Win10, Linux
- Software support : Realtek Drivers
- Support Profile:
 - LAN Access , Personal Area Network ,
 - BLE GATT Profiles
 - HS、A2DP、AVRCP、
 - Audio Gateway、
 - Serial Port Profile、Object Push Profile、
 - File Transfer Profile 、
 - HID(Keyboard/Mouse) 、
 - HCRP(Printer Cable Replacement) 、
 - PIM
 - Synchronization Profile
- LED Indication: Power on、Linking、Standby、
- plug-and-play
- Low power consumption

Product Specification

BUB512R Specification	
Standard	Bluetooth V5.0 (BLE)
Profiles	Bluetooth low energy Dual-mode Bluetooth
Frequency Band	2.402G-2.480G
Sensitivity	-86dBm@.01%BER
RF TX Power	+6dBm
Size	38 * 16 * 8 mm
Weight	3g
Power Consumption	
Supply Voltage	5V DC(MAX5.75V)
Working Current	22mA (Typical, depends on profiles)
Standby Current (Connected)	0.4uA
Operating Environment	
Temperature (operational)	-10°C to +50°C
Temperature (Storage)	-20°C to +70°C
Humidity	10%-90% Non- Condensing
Certifications	
Europe	CE
Environmental	RoHS