

BTD-2403

Racewood Technology Co., LTD.
Product Information

Bluetooth USB Dongle

Racewood Technology Co., Ltd. Universal Class 1 & Class 2 Bluetooth USB Dongle

The Racewood Technology Co., Ltd. Universal Class 1 and Class 2 Bluetooth™ USB Dongle RBTPU001 is compact and qualified module that provide a complete 2.4GHz Bluetooth™ system for wireless data and voice communications. The RBTPU001 includes an integrated antenna and a USB connector interface, offering a simple Bluetooth solution for electronic devices with a USB interface.

Features

- Complete 2.4GHz radio transceiver and baseband
- Bluetooth™ version 1.1 compliant
- Bluetooth™ qualified
- Small footprint (60.0mm x 19.9mm x 2.2mm)
- Bluetooth™ Class 2 operation (up to 10 meter range)
- High-performance surface mount antenna
- Full speed USB interface, compliant with USB 1.1
- TX/RX and power LED indicator
- CSR BlueCore2, single chip Bluetooth™ system with 0.18 μ m CMOS technology
- On-board flash memory

**Applications**

Desktop PC
Notebook PC
Pocket PC
Panel PC
Printers
And many other peripherals

Specifications

Parameter	Specifications
Frequency	2.400 to 2.480 GHz
Modulation	FHSS / GFSK
RF channels	79
Channel Intervals	1 MHz
Power Supply Voltage	5.0V
Transmission Rate	723.2 Kbps
Input Sensitivity	-80dBm
Output Level	4dBm(class 2)
Dimensions	60.0mm x 19.9mm x 2.2mm