

**BR-USB-BTv2.1**

**Bluetooth® BT2.1+EDR Class 1 USB Nano Dongle**

- The smallest Class 1 USB Bluetooth adapter
- Advanced simple secure pairing technology
- HID button for direct HID profile connection
- Class 1 circuit to operate at distances up to 100m



The BR-USB-BTv2.1 Nano Dongle is the most compact design on the market, taking up virtually zero space. It was designed using Bluetooth®2.1 technology, which provides simple secure pairing and lower power consumption. The Nano Dongle is also able to support multiple simultaneous Bluetooth® connections at up to 3-times faster data transfer speeds than Bluetooth® 1.1 devices and is fully backward compatible with existing Bluetooth® 2.0, 1.2, or 1.1 devices.

**Features:**

- Fully compliant with Bluetooth® v2.1, backward compatible with BT 2.0, 1.2 and 1.1.
- HID button for direct keyboard/mouse connection.
- Plug & Play, easy to install.
- Operating distance up to 100 meters.
- 3-times faster data transfer speeds, up to 2.1Mbps data rate.
- Supported profiles: Serial Port, Object Push, File Transfer, Basic Imaging, Dial Up Networking, LAN Access, Personal Area Network (PAN), Audio Gateway / Headset, Keyboard/Mouse (HID), HCRP (Hardcopy Cable Replacement), AV Advanced Audio Distribution.
- Supported OS: Windows® XP, Vista, 7, Mac PC

**Specifications:**

Hardware & Software	
Standard	Bluetooth® v2.1+EDR
Host Interface	USB v1.1
Antenna	Printed Antenna
LED Indicator	Power On/Data traffic
Operating Frequency	2.4 GHz – 2.4835GHz
Modulation	8DPSK (Different Phase Shift Keying)
Output Power	Class 1
Data Rate	3Mbps, Up to 2.1 Mbps over SPP
Operating Range	Up to 100m (Free space)
Sensitivity	< 0.1% BER at 70dBm
Bluetooth Software	BTW5.5 & BTW6.2
Supported OS	Windows® XP, Vista
Environmental	
Dimension	18(L) x 14(W) x 7(H) mm
Weight	2.5g
Temperature	0 ~ 50 °C (Operating) -20 ~ 70 °C (Storing)
Humidity	5% ~ 90% Non-Condensing
Package Contents	
• USB Dongle	
• Setup CD-ROM with User Guide <i>Includes Broadcom/Widcomm Bluetooth BTW5.5.0.3200 and BTW 6.0.1.6300 stack for Windows®.</i>	
• Quick Installation Guide	

**Application Diagram:**



