BT-310U/BT320U

Class 1/Class 2 Bluetooth
USB Adapter

The BT-310U/320U is designed to connect USB port of a desktop or laptop PC, and allows the computer to build a short-range wireless connection to other Bluetooth devices like cellular phones, PDAs, and computers. Since the transmission medium of BT-310U/320U is air, PLANET also enhances both connection protection and data security mechanism to the product which helps people share and access trigger information.

The BT-310U/320U provides services of virtual serial port, dial-up networking, fax, file transfer, information exchange, information synchronization, and network access. With powerful bundled software, it's not difficult to implement configuration and management even there are so many functions. Most popular operating system support, including Windows 98SE, ME, 2000, XP, and 2003, makes the application of BT-310U/320U more flexible.
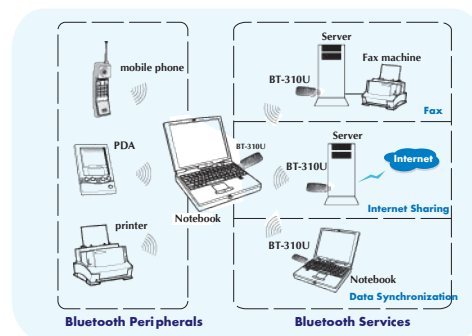
►► KEY FEATURE

- Compatible with Bluetooth specifications v1.1/1.2 devices
- Bluetooth Manager Utility eases the difficulties of configuration and management
- Various services provided: Virtual Serial Port, Dial-up Networking, Fax, File Transfer, Information Exchange, Information Synchronization, and Network Access
- Connection protection and data security enhanced mechanism
- Support Boot mode
- Multilingual support in Bluetooth utility
- Most popular OS support: Windows 98SE, ME, 2000, XP, 2003
- Up to 8 devices Point-to-MultiPoint topology expands your PAN coverage

Product	Class 1/ Class 2 Bluetooth Adapter
Model	BT-310U / BT-320U
Bluetooth Spec. Compliance	Bluetooth 1.2
Throughput	721 K bps (Data channels)
Operating Voltage	+5V
Power Consumption	BT-310U: TX → 170mA/5V RX → 110mA/5V BT-320U: TX → 70mA/5V RX → 40mA/5V
Operating Distance	BT-310U: 100 m in free space BT-320U: 10 m in free space
Antenna Gain	-3 dBi
Radio	
Spread Spectrum	Fequency Hopping spread spectrum (FHSS) Compliant with FCC part 15
Frequency Range	2402~2483.5MHz
RF Channels	79 Channels of 1MHz Bandwidth
Polarization	Linear
Modulation	GFSK, BT =0.28~0.35
Output Power	BT-310U: Class 1 >10dBm, Max. power: 18 dBm BT-320U: Class 2, Max. power: 3 dBm
Receiver Sensitivity	BT-310U: -82dBm with BER < 0.1% BT-320U: -78dBm with BER < 0.1%
Max Input Level	-20 dBm
Base Band	
Physical Links	Support of ACL link with data rate up to 721 Kb/sec Support of SCO link
Network Capabilities	Support of piconet point-to-point and point-to-multipoint connections
Link Manager	
RSSI	Yes
Authentication	Yes
Encryption	Yes
Test Mode	Yes

With Bluetooth technology, you can easily construct a wireless PAN (Personal Area Network). As illustrated, the notebook with the BT-310U can communicate with a mobile phone, PDA, and other computers. If the Bluetooth server has network connection or physically attaches to a fax machine, Bluetooth clients could share these services easily. In a conference, all co-workers can obtain synchronized information via Bluetooth for reducing paperwork.

➤ **BT-310U**   Class 1 Bluetooth v1.2 USB Adapter
➤ **BT-320U**   Class 2 Bluetooth v1.2 USB Adapter

PLANET Technology Corp.

11F, No. 96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C.
TEL:886-2-2219-9518   FAX:886-2-2219-9528
E-mail: sales@planet.com.tw   http://www.planet.com.tw
VoIP Gateway : vip.planet.com.tw