

# BT-MicroEDR2X

## Bluetooth Class2 EDR2.1 Mini USB Dongle

「BT-MicroEDR2X」 is Bluetooth Standard 2.1 compliant + EDR which improves usability through smoother multi-device scenarios, up to 3 times faster file transfer rate to emphasize Bluetooth technologies. Before Bluetooth become a standard to most consumer electronics products.



「BT-MicroEDR2X」 installation is as easy as a “plug-in” . And the software included provides a friendly user’ s interface. It allows an operating range of up to 10 meters. The applications for PCI Bluetooth Ultimate USB adapter are unlimited, such as PC-to-PC file transfer, synchronization with a Palm or Pocket PC, wireless connectivity with Bluetooth enabled peripherals such as mice, keyboard, headset and printers, access to the internet or network through a Bluetooth access point, share internet access with just one ISP account, internet access over Bluetooth cell-phones... and etc.

## Features



- Bluetooth v 2.1 compliant – The latest adoption of Bluetooth
  - Improves usability through smoother multi-device scenarios
  - Up to 3 times faster file transfer rate. Enhanced Data Rate (EDR) compliant for both 2Mbps and 3Mbps modulation modes
- Portable, lightweight and mini sized
- Class II standard that supports operating range of 10 meters
- Friendly to operate user’ s interface and “plug-in” installation easily
- Reduced power consumption and increased battery life
- Improved use cases including, especially for streaming audio, digital image transfer and laser printing
- Improved Bluetooth experience by running multiple Bluetooth devices simultaneously and transferring large files



## Specification

<b>Model</b>	<b>BT-MicroEDR2X</b>
<b>Standard</b>	Bluetooth EDR 2.1, Class II
<b>Interface</b>	USB2.0 (TypeA)
<b>Antenna</b>	Chip on-board
<b>Frequency Range</b>	2.4GHz~2.4835GHz ISM Band
<b>Driver</b>	TOSHIBA
<b>Power Consumption</b>	70mA (working time)
<b>Data Speed</b>	Up to 2.1Mbps
<b>Receiver Sensitivity</b>	-80dBm @0.1%BER
<b>Operating Range</b>	10m
<b>Operating Temperature</b>	-10 ~ 55 °C
<b>Storage Temperature</b>	-20 ~ 65 °C
<b>Operating Humidity</b>	10 to 90% (non-condensing)
	Advanced Audio Distribution Profile (A2DP) Audio/Video Remote Control Profile(AVRCP) Basic Imaging Profile (BIP) Dial-up Networking Profile (DUN) Fax Profile (FAX)

<b>Profile Support</b>	File Transfer Profile (FTP) General Audio/Video Distribution Profile (GAVDP) Hard Copy Cable Replacement Profile (HCRP) Hands-Free Profile (HFP) Headset Profile (HSP) Human Interface Device Profile (HID) LAN Access Profile(LAP) Object Push Profile (OPP) Personal Area Networking Profile (PAN) Serial Port Profile (SPP)
<b>DC Power (Supply voltage)</b>	5V from USB
<b>Dimension</b>	20.5(L)*12.0(W)*4.5(H)mm
<b>Weight</b>	About 1.7g

## Connection Sample

**BT-MicroEDR2X**

The diagram illustrates the BT-MicroEDR2X adapter at the center, connected via wireless signals to five peripheral devices: a Cell phone, a PDA, an Ear phone, a Mouse, and a Printer. Each device is represented by an icon in a colored circle, with red or blue signal waves indicating the connection.

**Operating Range**  
**10m**  
Class 2

**EDR Enhanced Data Rate**  
EDR compliant for both 2Mbps and 3Mbps modulation modes.

**Bluetooth®**  
The applications for PCI Bluetooth Ultimate USB adapter are unlimited.

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