



# Wireless USB Adapter Set



## Key Features

- Wireless USB connectivity with simple setup and no network configuration
- Pre-associated (paired) adapters
- UltraSpeed technology for optimized performance
- Compliance to worldwide regulation
- Windows Vista/XP support
- Certified by the USB-IF

## Overview

The Wisair Wireless USB adapter set allows users to 'upgrade' existing USB devices to Wireless USB. Consisting of a pair of Wireless USB adapters—one for the device and one for the PC—the solution brings Wireless USB connectivity to a range of devices, such as hard disk drives, printers and hubs.

Wireless USB connectivity is enabled by attaching the PC adapter to the PC/notebook. The device adapter is attached to the USB port of the device and to an external power supply.

The Wireless USB adapter set incorporates the WSR601 single CMOS chip, and an on-board Ultra Wideband antenna. Using Wisair's UltraSpeed technology, the adapter set identifies the USB class of the attached device to optimize performance.

The adapter set has received regulatory approval in the US, Japan, Korea, and Europe, and is certified by the USB-IF.

## Solution Contents

The adapter set includes:

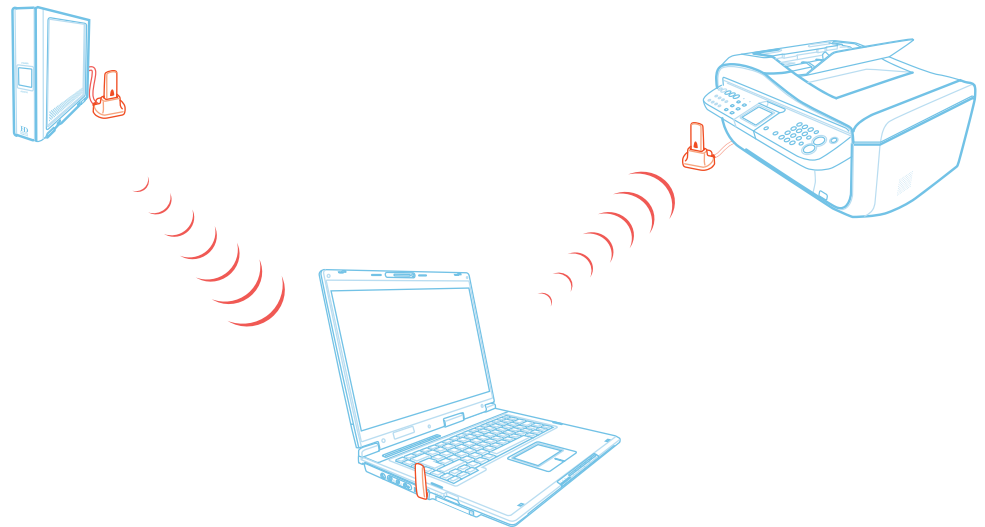
- Wireless USB device adapter
- Wireless USB PC adapter
- USB table adapter (type A)
- Power supply unit for device adapter
- Getting Started guide
- Installation CD with software, drivers, and softcopy manual

## Benefits

- Eliminates cable clutter and allows placing peripherals anywhere in the room
- Supports a wide range of USB devices- printers, scanners, external hard disks, DVD/CD, iPod
- Superior performance and range, with full room coverage
- Single SKU for both adapters and for worldwide deployment
- Production-ready, fully certified solution



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## About Wisair

Wisair is a fabless semiconductor company providing Ultra Wideband (UWB) and Wireless USB solutions based on its CMOS single chip. Recognized for their superior coverage and throughput, Wisair's solutions offer the best combination of performance, price, and power consumption for Wireless USB.

## Specifications

### Wireless USB, WiMedia Standards

- WiMedia certified PHY and MAC, USB-IF certified
- Association using direct dongle attachment to PC
- Point-to-Multipoint support
- Interoperable with other Certified Wireless USB products
- 3.168 to 4.752 GHz (WiMedia band group 1)
- PHY channels 9-15

### General

- 128-bit AES security
- Regulation compliant to US, Japan, Europe, Korea
- Software drivers: Windows® Vista/XP

### Device Adapter

- USB type-A male with table adapter, enabling connectivity to any USB device
- On-board UWB omni-directional antenna
- PCB size — 18mm x 48mm
- Single LED — Power/traffic
- Power consumption: 1 Watt @ 5VDC
- Power supply unit

### PC Adapter

- USB type-A male
- Integrated 3D swivel connector
- On-board UWB omni-directional antenna
- PCB size — 18mm x 48mm
- Single LED — Power/traffic
- Power consumption: 1 Watt @ 5VDC