

## Important notes about the RF 2.4 GHz Wireless PC Keyboard

Wireless devices are generally easy to setup and operate. However, there are external conditions that may hinder the setup process, or interfere with their operations. This document is just to make you aware of those conditions and how to work around them.

**Use fresh batteries.** When you are setting up the wireless keyboard, just to rule out any problems caused by weak batteries.

**Quick setup guide.** It is very important to follow the instructions in **How to set up** and pay special attention to the **pairing process sequence**.

**Helpful hint.** When connecting the USB Nano Receiver, the **green light in the receiver should flash** momentarily, indicating that your computer has recognized the USB Nano Receiver.

**Numerous wireless devices are using the RF2.4 radio frequency band.** Devices such as: Wireless LAN (Wi-Fi) or Bluetooth, cordless telephones, computer mice, printers, microwave ovens, and many more are also using the RF2.4 band. All these devices may cause interference and disruption to the RF2.4 wireless PC keyboard signal.

### What could cause the pairing process to go wrong?

The radio signal becomes weaker when the distance between the USB Nano Receiver and keyboard increases and may add to the chance of interference.

A disrupted line-of-sight between receiver and keyboard - by walls, room dividers, desks, etc.

Various and mixed types of RF2.4 devices in the same room, or location.

USB 3.0, or USB Super Speed devices attached to the computer.

Unshielded, or inadequately protected USB 3.0/Super Speed cables and devices.

### What can be done?

A few wireless computer mice have been known to cause pairing problems. A good first try to get around; - detach the wireless mouse receiver and redo the pairing process of the wireless keyboard. When the pairing process completes, then attach the wireless mouse receiver again.

Improve the radio signal level by attaching the USB Nano Receiver to an USB extender cable and bring the receiver closer or within the line-of-sight of the keyboard.

Detach all other RF2.4 devices from your computer. Perform the pairing process with the keyboard. Then attach all the other RF2.4 devices again.

Do not connect the USB Nano Receiver into an USB 2.0 port located next to an USB 3.0 or USB Super Speed port.

Use only properly signal protected USB 3.0 or Super Speed cables and devices with your computer.

Source:

Intel Corp.

327216-001 - USB 3.0\* Radio Frequency

Interference Impact on 2.4 GHz

Wireless Devices

White Paper

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