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## ***IWILL RAID-100 Hardware Installation***

Every IWILL® products are designed with "Ease of Use" in mind. The **SIDERAID100™** also follows this tradition. It uses the Plug and Play design concept, and it is as easy to install as any other computer peripheral.

### **Installing SIDE RAID100™ controller card**

Installing the **SIDERAID100™** controller card into your computer is a simple process. Just follow the following steps to install the **SIDE RAID100™** in to system.

1. Switch off the system.
2. Disconnect the system from the power source.
3. Open your computer case.
4. Touch the back panel of the power supply to disperse the static charge.
5. Remove the inside slot cover of an available PCI slot on the motherboard.
6. Insert the **SIDE RAID100™** controller card into the empty slot.
7. Attach the threaded IDE HDD LED connector of the computer case to HDD-LED connector on the **SIDE RAID100™** controller card.
8. Fasten the controller card bracket to the case.
9. Connect the Ultra ATA100 HDD to the **SIDE RAID100™** IDE connectors
10. (0/1 channel) Using the included Ultra ATA100 cables.



## Connecting the Hard Drive

The **SIDE RAID100™** provides two internal IDE channels that support Ultra ATA100 specification.

### How to install the Ultra ATA100 Cable:

Each connector on the Ultra ATA100 cable assembly has a small polarized tab centrally located on the body of the plastic (a fool-prove design). This fits into the matching slot on the mating plugs on the **SIDE RAID100™** and the drives, thus assuring positive mating (pin#1 to pin#1)

The red line on the cable should be aligned with pin#1. On the drives this will result in the red line facing the power connector. Attach the **BLUE** connector to the appropriate 40-pin IDE plug on the **SIDE RAID100™**.

Attach the **BLACK** connector to the matching plug on the **Master** hard drive. Attach the **GREY** connector to matching plug on the **Slave** drive (secondary hard drive).

### *Important*

The **BLUE** connector must be plugged into the **SIDE RAID100™** or your system will not boot.

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