



Product Information

PC Requirements:

An available PCI or PCIe slot on the PC motherboard

Up to 4 SATA Hard Drives

Operating System Support:

Supports any PC Operating System (OS)

Drive Interfaces:

4xSATA-II 3.0Gbps SATA port

Performance Specs:

SATA-II up to 3Gb/s

RAID Modes Supported:

Single Disk
2Disk RAID-0
2Disk RAID-1
2Disk SPAN
3Disk RAID-5

Weight:

< 1 lbs.

Box Contents:

iM-Boot RAID PCIe Card
External Switch
Installation & Users Manual
Evaluation Drive Mirroring Software

The iM-Boot RAID

Enjoy two securely independent systems, each with a RAID array, in the same PC.

Enjoy Performance and Security with Customized RAID Arrays

Today's sophisticated PC user relies on RAID (redundant array of independent disks) to achieve superior levels of storage reliability by arranging multiple drives into arrays for redundancy. The iM-Boot RAID allows you to take advantage of multiple RAID arrays within the same computer for peak security and performance. No other hardware based solution gives you this much flexibility.

For example, a RAID-0 array is optimal for game performance; RAID-1 keeps your critical programs and files secure; your family or work use may require different operating systems. The iM-Boot RAID gives you it all at just the flip of a switch—and all in one desktop computer.

The iM-Boot RAID's fault-tolerant, micro-processor-based solution delivers true data platform separation and RAID performance. And it is remarkably easy to install and to use.

How it Works

The iM-Boot RAID connects to the SATA port between the motherboard and hard drives. Once in place, users can select from an abundance of different RAID configurations for

the 4 drives—such as a 2Disk RAID-0 set and a 2Disk RAID-1. The iM-Boot RAID's intelligent technology steers the SATA commands from the mother board to the RAID set selected by the user while removing the other RAID set from the system. The system will switch the selected RAID set only at power-on or during a reset or reboot, ensuring that your system is safe from accidental switch movement.

The iM-Boot RAID is Perfect for

Gamers who want to have multiple system configurations—one for games and another for school or work

Parents who need to safely share a computer with their children

Professionals who need to run different operating systems on the same computer and cannot use virtual machines



True Hardware-Based RAID Performance

Rather than a software-based RAID controller, the iM-Boot RAID offers high-speed RAID performance without requiring the use of any system overhead. No matter what the RAID mode or drive selection, the computer will view the selected RAID array as a single disk. If one hard drive malfunctions, a RAID-1 or RAID-5 set keeps your computer running smoothly.