It's All About Your Data

SuperSwap™ 1100

Hot-Swap Drive Enclosure for Serial ATA/3G Hard Drives

:: **Enables Hot Swapping of Serial ATA/3G Drives**

:: **Protects Components During Hot Swap**

:: **Supports One Serial ATA/3G Drive**

:: **Fits in Standard 5.25" Space**

Continuous Operation Means No Down Time

Combine the SuperSwap 1100 with your fault-tolerant Promise Serial ATA RAID array for a professional hot swappable network server or workstation storage subsystem. The SuperSwap drive chassis and housing permits failed drive replacement without powering down the server or opening the PC so your data is always available.

An Advanced Drive Carrier System

More than just a hot-swap drive carrier, the SuperSwap 1100 also provides numerous advanced features that offer added protection for your storage system. The cable-free drive-to-chassis connection improves signal quality and data integrity. The keyed lock prevents unwanted removal of your disk drive. An integrated fan provides dedicated drive cooling for improved drive reliability and extended drive lifespan.

:: Enclosure Management:
The SuperSwap 1100 provides sophisticated enclosure management tools, the kind used in enterprise storage systems. With Promise's SuperSwap 1100, you can monitor the fan, temperature, and enclosure power status at all times using Promise Array Management software.

:: Delayed Spin-up:
For systems that use more than two drives, the SuperSwap 1100 features a delayed spin-up switch that enables the user to stagger the time when the drives spin-up, eliminate induced brown-outs, and protect the system and storage hardware.

:: Box ID System:
For improved functionality with multiple SuperSwap units, the SuperSwap 1100 features a unique Box ID system that simplifies the identification of the enclosure and its associated controller card CH ID or port number.

SuperSwap™ 1100
:: Available in Charcoal and Beige
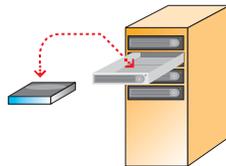
Simplified Hot Swap for Serial ATA Drives

Hot swap is supported in the SATA specification, but implementing a hot swap solution requires more than simply using Serial ATA drives—you must use an enclosure like the SuperSwap 1100 that provides hard disk access while the system operates.

With the SuperSwap 1100 and a Promise Serial ATA RAID solution, replacing a failed drive with a working drive couldn't be easier. Just unlock and slide out the SuperSwap 1100 drive carrier from the housing, exchange drives, and slide the carrier back in, all without powering down the system. Promise Serial ATA RAID adapter cards instantly begin rebuilding data to the working drive.

Hot Swap is an essential feature for the RAID storage required by high-availability servers. If you are using a RAID array for data protection (RAID1, RAID 0+1, or RAID 5), you need a SuperSwap drive enclosure for each drive in the array.
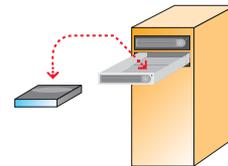
The SuperSwap 1100 also works with Promise Technology's SATA150 series non-RAID Serial ATA adapter cards, enabling a high-capacity removable storage solution. Now you have instant access to a low-cost, ultra-high capacity.

Hot Swap SATA RAID

:: **Use the SuperSwap drive carrier with a Promise Serial ATA RAID controller to replace a failed hard drive while the PC continues to operate.**

Hot Swap SATA Storage

:: **Use the SuperSwap drive carrier with a Promise Serial ATA controller for removable storage.**

Proven Hot Swap Enclosure Solutions

The SuperSwap 1100 builds upon Promise's tradition of providing cost-effective server-class technology for ATA technologies. From Promise Technology's SuperSwap 1000—the first proven hot swap enclosure for parallel ATA drives—Promise has understood the need for professional grade drive enclosures for ATA technology drives. Now, regardless of whether you use Serial ATA or Parallel ATA, you can count on a Promise SuperSwap enclosure to deliver reliable hot swap that works.

The Leader in SATA RAID

Promise Technology, Inc., recognized as the originator and worldwide leader of ATA RAID since 1997, has offered high-performance solutions for PC storage since 1988. Today the world's biggest OEMs and resellers look to Promise for ongoing innovations in ATA RAID design as the company continues to lead with the most powerful and economical alternatives to traditional RAID controllers and subsystems.

www.promise.com

Specifications	
Device Support	Promise Serial ATA controllers including FastTrak S150 TX and SX RAID adapter cards and SATA150 TX cards
Drive Support	Serial ATA/3G drives
Hot Swap	Allows slide-out/slide-in replacement of failed drive in fault-tolerant RAID arrays without powering down the system
Drive Cabling	Works with Serial ATA cabling to support data transfers up to 150 MB/sec
Power Cabling	Enclosure is powered using standard 4-pin power connector (does not require special SATA power connector)
Physical Requirements	One available 5.25" bay per housing
Security Features	Locking mechanism prevents casual removal of drive from housing
Enclosure Monitoring Support	Sends enclosure's fan, power, and temperature status to Promise Array Management software
LED Displays	Indicates array status (normal, rebuilding/critical, or offline), power status, and disk activity
Drive Cooling	Flow-through design with dedicated cooling fan
Certifications	FCC, CE, C-Tick, MIC, UL, cUL, VCCI, BSMI
Limited Warranty	3 years parts and labor

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Specifications subject to change without notice.