

PCIe SAN Solution

A new way to your Storage Area Network

PCIe is also becoming the dominant technology for the host computers to connect the external high-speed peripherals or for the links among high-speed computing nodes, like server blades or grid systems. The system connects to the host computer by high-speed external PCI Express cable links, it is well suited for a variety of applications.

SW-2308S is an external PCIe switch hub project. It connect a single PCIe host to multiple PCIe storage devices with PCIe x8 cables to increases overall capacity and performance in throughput-intensive business such as TV broadcasting, movie / animation rendering, imaging, HD video editing and commercial computing systems.

SW-2308S 9 port switching hub is bundling 1 PCIe x8 re-driver card which is installed into host site. The re-driver card will provide driver for different operating systems.

FEATURES AND BENEFITS

Speedy PCIe SAN Solution

PCIe x4 data transfer rate reached 1000MBs better than FC 400MBs.

Scalability PCIe SAN Solution

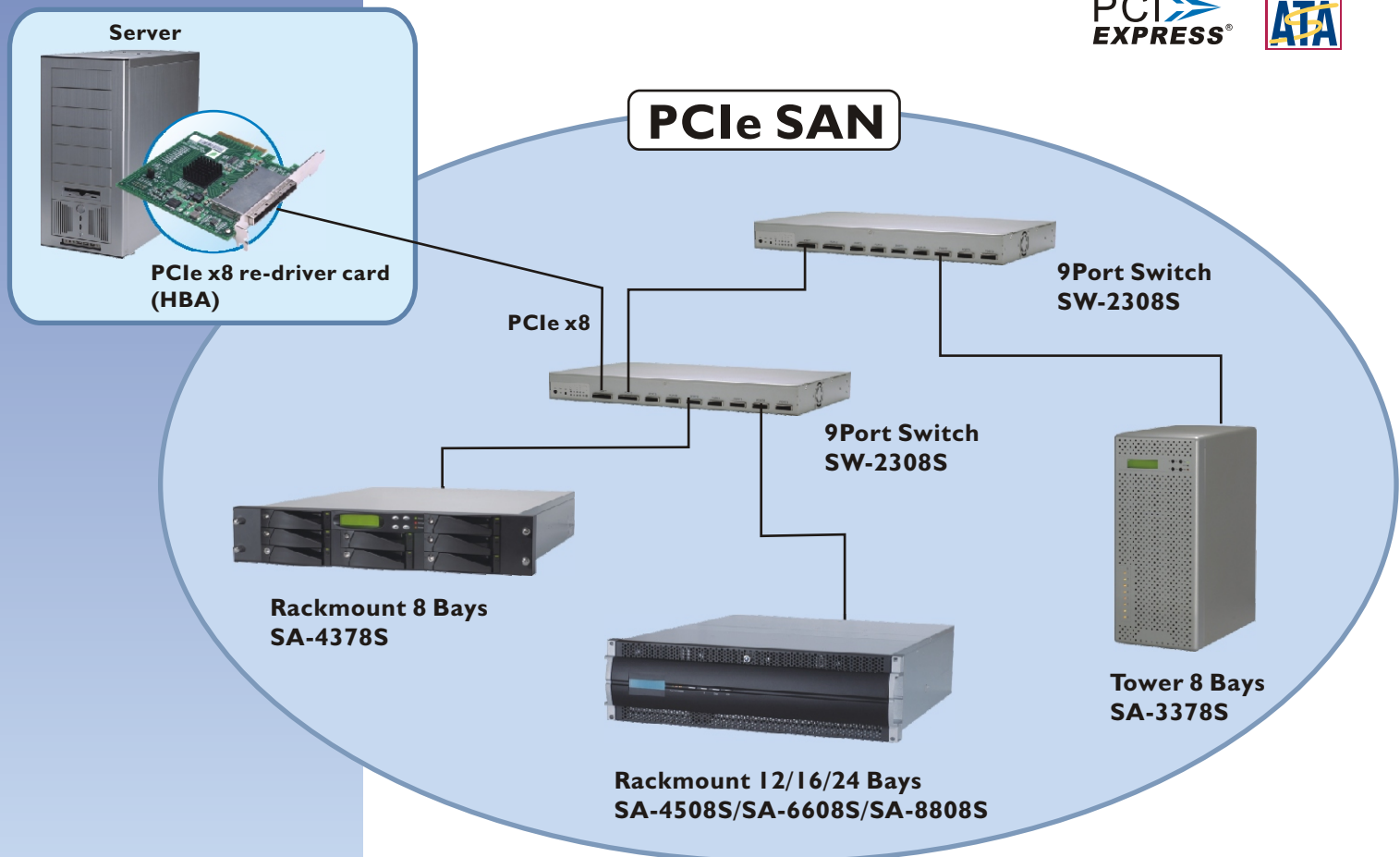
PCIe Switch can connect 7 sets PCIe RAID with RAID function setting, it can keep heavy data loading IO, also provide fully backup solution.

Low cost PCIe SAN total solution

The PCIe SAN total solution contains Switch, RAID system and re-driver card, no extra high price HBA card and switch needed.

Host O/S support

Win XP Pro
Windows 2000/2003
Windows Vista 32/64
Linux (RedHat, SuSE, Fedora, FreeBSD)
Mac OS (x86 / Power PC base)



SW-2308S Switching Hub

Specifications	
Form Factor	Slim 1U design, Rackmount
Ports	9 ports
Interface	1 host port(8 lanes/port, uplink); 1 cascade port(8 lanes/port, downlink) 7 device ports(4 lanes/port, downlink)
LED	LED for power and PCI-e lane status
Cooling	Side-to-side fan cooling. It is 2Pin harnesses of FAN
Fan Speed	Always full speed
Power supply	12V DC, 2A or 3A; DC adapter will in the back side of switch box
Power Connector	DC power jack DC 24V/4A
Power LED Color	Housing: White Link: Blue
HBA for Host	1 of PCIe x8 port re-driver card
O/S support	Mac OS (x86/PPC base), Windows XP Pro/2000/2003/Vista 32/Vista64, Linux(RedHat, SuSE, Fedora, FreeBSD)
Operating Temperature	0 C~50 C
Storage Temperature	-20 C~70 C
Operating Humidity	5%~85%, Non-condensing
Storage Humidity	5%~95%
Safety Regulatory	UL, CUL, CB
EMC Standard	FCC, CE, C-Tick, BSMI
Dimension (H x W x D)	44.5 x 432 x 304 mm

* Specification subject to change without notice.

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