

RAIDFLEX™ SW-47100pe PCIe-Cable Switch



Seamlessly Connect Multiple PCIe-C Storage Arrays



The SW-47100pe is an external PCIe switch which enables a single PCIe host to connect to multiple **RAIDFLEX 4000** PCIe-C storage arrays over PCIe cables. This increases the possible overall capacity to seven RAID systems per switch, and switches may be cascaded to four deep. The bandwidth of 2GB/s performance makes it suitable for throughput-intensive applications such as TV broadcasting, movie/animation rendering, imaging, HD video editing and commercial computing systems.

Features	Applications
<ul style="list-style-type: none"> ● 1U Rackmount PCIe-C Switch ● 2 x8 Ports (1x Host and 1x Cascade) ● 7 x4 Device Ports ● 2GB/s Bandwidth ● Cascadable to 4 Layers 	<ul style="list-style-type: none"> ● RAIDFLEX 4000 PCIe-C RAID Expansion ● Throughput intensive computing: Computer-aided Design; Architechtural Illustration; TV; Movie; Video: Editing, Animation, Rendering etc

PCI-e Switch	
Form Factor	Slim 1U design, 19" Rack Mount
Size (wxdxh)	432 x 304 x 44 mm
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
Power supply	12V DC, 2A or 3A; DC adaptor supplied
Power connector	DC power jack DC 24V/4A
Power LED connector	Housing white, Link blue
HBA for Host	- 1x PCI-e x 8 HBA card and cable supplied with switch - HBAs and cables supplied with RAIDFLEX 4000 RAID systems
O/S support	Windows XP Pro/2000/2003/Vista32/64, Linux (RedHat, SuSE, Fedora, FreeBSD)
Environmental	
Temperature	Operating 0°C to 50°C Non-operating -20°C to 70°C
Humidity	Operating 5~85% (non-condensing) Non-operating 5~95% (non-condensing)
Compliances	FCC, CE, BSMI, C-Tick