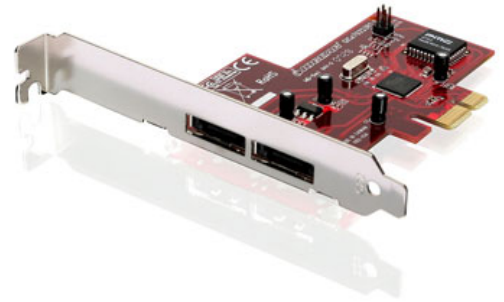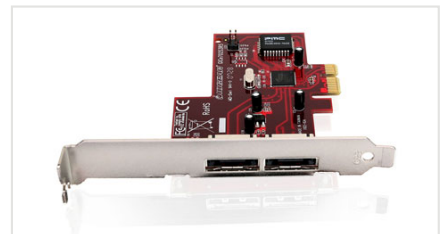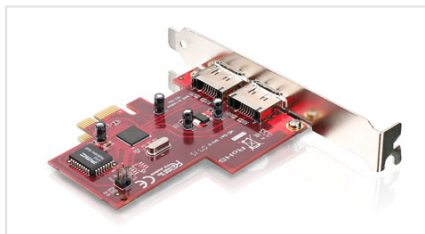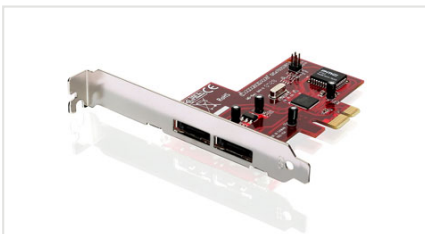**IOGEAR**®

GICe702S3R5W6

RAID5 eSATA 3Gbps External 2-port PCI-Express Card

The IOGEAR eSATA RAID5 eSATA 3Gbps External 2-port PCI-Express Card adds 2 external SATA ports to your desktop computer. It is great for users who want to add SATA connectivity to their computers but do not want to buy a whole new computer. Devices commonly used with this host adapter are hard drives, Blu-ray optical drives, HD-DVD drives, media center drives and more. The low profile design of this adapter makes it ideal for computers that have limited internal expansion space.

The IOGEAR eSATA RAID5 eSATA 3Gbps External 2-port PCI-Express Card also supports multiple RAID (Redundant Array of Independent Drives) configurations. RAID can be designed to provide increased data reliability or increased I/O performance, or both. The card supports RAID 5, 0, 1, 10 & JBOD setups.

- 48 bits LBA Break Capacity -limit to Support HDD larger than 137GB
- eSATA transfers rate of 3.0Gbps
- Fully compliant with Serial ATA 1.0 Specifications
- Supports two independent Serial ATA Channels
- Independent Link, Transport and data FIFO
- Independent Command, fetch, scatter/gather, and command execution
- Supports Legacy Command Queuing (LCQ)
- Supports Native Command Queuing (NCQ)
- Supports Non-zero offsets NCQ
- Supports Out of order data delivery NCQ
- Supports FIS -based switching with Port Multipliers
- 31 Commands and Scatter/Gather Tables per Port
- Two Pin Headers on board for LED connection
- RAID 5 (Distributed Parity RAID) has the highest Read data transaction rate and Aggregate transfer rate

- JBOD is a virtual disk that combines all disk one entire disk drive
- Provides RAID 0 (stripping) to greatly increase the performance of data transfer by simultaneously writing data to multiple drives
- Provides RAID 1 (Mirroring)to protect the data from a disk failure by writing identical data on two drives
- RAID 0+1 (Mirrored-Stripping) combine both striping and mirroring technologies to provide both the performance enhancements that come from stripping and the data availability and integrity that comes from mirroring
- Comes complete with the drivers for Windows 2000, XP and 2003 Server
- Supports Windows Vista
- Supports Mac OS OS X 10.4.9, 10.4.10, & 10.5.1
- Fully RoHs Compliant

Requirements

- Windows 2000, XP and 2003 Server
- Windows Vista 64 bit / 32 bit
- Mac OS _{X 10.4.9, 10.4.10, & 10.5.1}
- Mac OS X 10.4.11 (only supports Intel based system, not PowerPC based system)
- Supports Mac 10.5.6 and 10.5.7 (download driver from http://www.siliconimage.com/support/searchresults.aspx?pid=32&cat=3&os=3)
- Available PCI Express slot
- RAID 5 and RAID 0+1 require Port Multiplier and 3 or 4 drives

Note: Enclosed Card will not fit into a standard PCI slot.

Package Contents

- 1 x eSATA PCI Express Card
- 1 x Driver CD
- 1 x Low PCI Bracket
- 1 x Quick Start Guide

Specifications

Function	GICe702S3R5W6
Operating System Support	Windows 2K, XP, VISTA & MAC OS X 10.4.9, 10.4.10, 10.4.11 (Intel based system) & 10.5.1
Transfer Rate	3Gbps / 3000 Mbps
Chipset	Sil 3132
Connectors	
SATA / eSATA	2 external ports

Dimensions	GICe702S3R5W6
POP Information	
10" Peg Hook	7
6" Peg Hook	4
Unit Dimensions	
Height	4.5 in
Depth	0.45 in
Width	5 in
Inner Pack	
Height	13 in
Length	11 in
Width	9.8 in
Inner Pack Qty.	12 units
Unit Package Dimensions	
Height	8.75 in
Width	6.25 in
Depth	1.75 in
Master Carton	
Height	11.81 in
Width	20.47 in
Depth	13.40 in
Master Carton Qty.	24 Units
Weight	
Master Carton Wt.	15.4 lbs
Inner Pack Wt.	7.8 lbs
Unit Pack Wt.	0.6 lbs
Unit Wt.	0.13 lbs