

# SATA2400

## PCI Express Serial ATA II Dual-Channel Host Controller



SATA2400 is a single-chip, one-lane PCI Express to 2 internal ports Serial-ATA (SATA) II host controller that brings server-class features to the desktop. SATA2400 equips SiliconImage SiI3132 chipset supporting all Serial ATA II features, including 3.0 Gbps SATA II transfer speeds, Native Command Queuing (NCQ), port multipliers with FIS-based switching, programmable output signal swing strengths for longer external cables or extended backplanes, hot plugging, enclosure management and ATAPI device support.

### FEATURES

- Fully compliant with one-lane 2.5Gb/s PCI Express specification
- Compliant with Serial ATA 1.0 specifications
- Serial ATA Generation 2 transfer rate of 3.0 Gb/s
- Supports two independent Serial ATA channels
- Supports Hot plug for extend Serial ATA port
- Software RAID 0 (Striping) and RAID 1 (Mirroring)
- Support Serial ATA II Port-Multiplier specifications with Port-Multiplier device.
- Low-profile design fitting for kinds of applications (Optional)

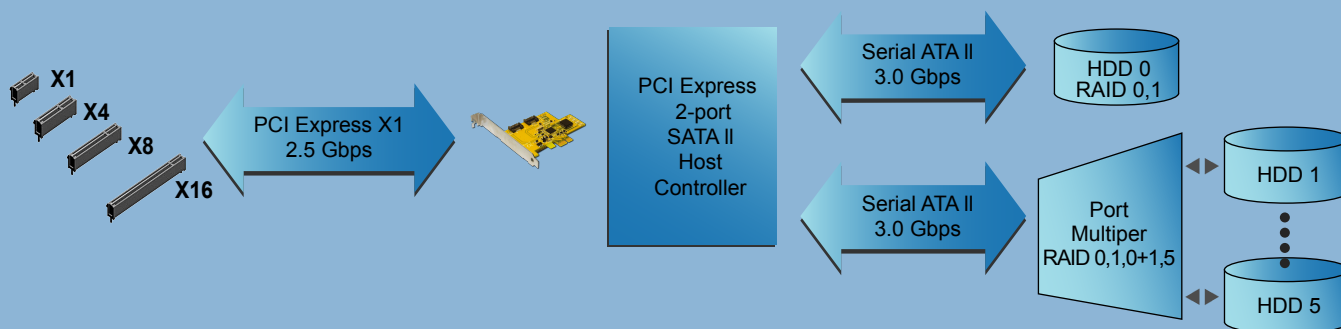
### PACKAGE

SATA2400  
Serial-ATA Cable  
User Manual  
CD Driver

### SPECIFICATIONS

Interface: One-lane PCI-Express  
Mode: Serial ATA Generation 2  
Controller: Silicon Images SiI3132  
RAID: RAID 0 (Striping) and RAID 1 (Mirroring)  
Channel: 2 independent Serial ATA II internal channels  
· 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  
O.S. support: Windows2000/XP/2003/ and Linux 2.4x, 2.6x  
Environment :  
Operation temperature: 0 °C ~ 57 °C  
Storage temperature: -20 °C ~ 85 °C  
Operation humidity: 5 ~ 95% RH

### APPLICATION



**SUNIX CO., LTD.**  
HEADQUARTERS

10FL., No.205-3, Sec.3, Pei Sin Road, Sindian City, Taipei County, Taiwan Tel :+886-2-28913-1987 Fax:+886-2-28913-1986 Email:info@sunix.com.tw