

# SCSI RAID Subsystem



SA-6640S



## User Friendly, High Reliability, Easy Management

Arena SCSI host series is a great selection for small business and applications which are in need of reliable and cost effective RAID Solutions. The dual Ultra 320 SCSI host channels and SATA II disk interfaces, fully modularized components enable the least amount of operating downtime for maintenance. The subsystems support RAID 6 and RAID TP to further secure data integrity and reliability.

In recent years, video surveillance has shifted from analogue to digital data archiving; which recording streams via digital video recorder (DVR) or network video recorder (NVR) to external storages with RAID features data protection. Furthermore, critical record would request infrastructure like storage area network (SAN) to achieve performance, scalability and reliability.

Arena offers a complete range of DAS/SAN solutions to meet the critical requirement of modern video surveillance application, various features are tailored for it and various configurations can fulfil different demand.

## FEATURES HIGHLIGHT

### Innovative Data Protection

Advanced RAID TP function allows up to 3 HDDs failed during system operation time.

### Extreme Performance

SCSI U320 host-transferring-speed with upgraded Intel IOP331 CPU which delivers high-performance for heavy-duty business applications.

### Increased Firmware Protection

Dual Flash ROM on-board, embedded flash auto-backup function, supports higher system availability during firmware upgrading or single ROM failure.

### Total Satisfaction

Various RAID Levels JBOD, 0, 1, 3, 5, 10, 30, 50, 6, TP or NRAID that fulfills multiple data-redundancy requirements.



SA-3340S 8bay



SA-4540S 2U 12bay



SA-4340S 2U 8bay



SA-4240S 2U 6bay

# Janus Series SCSI RAID Subsystem



SA-6640S 3U 16bay



SMB data management



Bank and Finance



Transportation

## SPECIFICATION

### Hardware Components

| Model No.                           | SA-4240S                                 | SA-4340S | SA-3340S                 | SA-4540S                         | SA-6640S                                  |
|-------------------------------------|--|----------|--------------------------|----------------------------------|---|
| RAID Controller                     | Single                                   | Single   | Single                   | Single                           | Single                                    |
| No. of Host Channels Per Controller | 2 x U320 SCSI                            |          | 2 x U320 SCSI            |                                  | 2 x U320 SCSI                             |
| Cache Memory Per Controller         | Up to 1GB                                |          | Up to 1GB                |                                  | Up to 1GB                                 |
| No. of Drives                       | 6  | 8        | 8                        | 12                               | 16  |
| Power Supply                        | 300W x1                                  | 300W x2  | 300W x2                  | 350W x2                          | 460W x2                                   |
| Fan                                 | 2  |          | 2                        |                                  | 2   |
| Dimensions                          | 2U 19" Rackmount<br>480x470x88mm (WxDxH) |          | Desktop<br>200x321x336mm | 2U 19" Rackmount<br>485x565x88mm | 3U 19" Rackmount<br>485x565x176mm (WxDxH) |

### Feature Highlights

|                          |   |
|--------------------------|---|
| RAID & Volume            | RAID level 0, 1, 3, 5, 6, 10, 30, 50, TP, JBOD, NRAID               |
|                          | Global Hotspare   |
|                          | Multiple Host ID  |
|                          | Multiple RAID Arrays and Multiple Slices                            |
|                          | Background Initialization   |
|                          | Write-through or write-back cache policy                            |
| Advanced Data Protection | Online volume expansion   |
|                          | Auto volume rebuilding  |
|                          | On-line volume migration without system down time                   |
|                          | Online disk roaming   |
| Management               | "SmartCor." Function (DST, DS, DC)                                  |
|                          | Array Recovery Mechanism  |
| Notification             | Email; SNMP trap; Browser pop-up windows; Syslog; Windows Messenger |
| OS Support               | Windows; Linux; Mac   |

### Optional Components

Cache Guard Module      BBM

\* Specifications and product offerings may vary without notice.

### Requirements

|                   |                             |
|-------------------|-----------------------------|
| AC Input          | 100-240V (+/-10%), 47-63Hz  |
| Operating Temp.   | 5°C to 40°C (41°F to 104°F) |
| Relative Humidity | 20% to 80% non-condensing   |



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