



## Arena Janus Series Storage **JanusRAID**

SATAII RAID Solutions

The Guard of Data



The Arena Janus6640 / 6641, 4540S / 4541S / 4340 / 4341, 4240, 3340 tower Series Disk Array System sets a new milestone for MaxTronic to approach high-end enterprise level environments.

### Key Features

#### High Availability

- Available in Single, or Dual Controllers configuration.
- Modularized, Hot-swappable parts including HDD tray, power supply, fan module, controllers and host I/O module.

#### Excellent Performance

- Intel i80331 667Mhz microprocessor running as hardware XOR, PCI-X 64-bits, 133 MHz bus interface.
- Default 512MB expandable up to GB DDR cache memory (per controller).
- Ultra320 SCSI / 2 Gb host interface.

#### Flexible Storage Capacity

- Allows 16 SATA HDD installed in one enclosure
- Data is still accessible with two drive failures in RAID6 array - up to three drives in a RAID TP.
- Global hot spare drive

- Supports multiple RAID sets (Max. 8), multiple LUN masking (128).
- Automatic data rebuild.
- Innovative SMARTCor. features.

#### User Friendly interface

- Embedded Ethernet port and management software for configuration and status reports.

### Applications

- Enterprise Storage
- Disk to Disk Backup
- Performance driven HD Video Streaming Apps
- Security and Surveillance
- Regulation Compliance Storage
- Disaster Recovery Storage
- Audio / Video Editing
- VOD on Education or Entertainment
- Fixed content backup or archiving



# Technical Specifications **JanusRAID**

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Model No.		Janus6640 (SA-6640)	Janus6641 (SA-6641)	Janus4540 (SA-4540)	Janus4541 (SA-4541)
Host Channel	Hose Interface	U320 SCSI	2Gb Fibre	U320 SCSI	2Gb Fibre
	Data Transfer rate	Up to 320 Mb/s	Up to 2Gb/s	Up to 320 Mb/s	Up to 2Gb/s
	ID Assignment	0-15	0-127	0-15	0-127
	Host Channel No.	2			
	External Connector Type	HPD x 4	SFP x 4 (*1)	HPD x 4	SFP x 4 (*1)
	Expansion	SCSI Daisy Chain	FC Port-By-Pass Cir.	SCSI Daisy Chain	FC Port-By-Pass Cir.
Hardware	Controller CPU	Intel i80331® RISC CPU (667Mhz)			
	Cache Memory	Up to 2GB DDR RAM			
	Disk Interface	SATAII (3Gb/s)			
	Disk Channel No.	16		12	
	Hot Swap Disk Tray	16 x 3.5" swappable trays		12 x 3.5" swappable trays	
	Hot Swap P/S	460W x 2 Redundant		350W x 2 Redundant	
	AC Input Voltage	100 to 240V(+/-10%), 47 to 63 Hz			
	Hot Swap Fan	2 x Turbo Fan (3,600 rpm)			
RAID Functions	RAID Level	JBOD, 0, 1, 0+1, 3, 5, 6, TP, 30, 50, NRAID			
	RAID Sets	MAX. 8			
	Data Rebuild	Automatic Data Regeneration			
	RAID Features	Global Hot Spares, Multiple Host ID, Multiple RAID Sets and Multiple Slices, Background Initialization			
	Advanced Data Reliability Assurance	SMARTCor. Function (DST, DS, DC) (*2)			
	Online Expansion	Yes			
	RAID Management	Front Panel LCD and Buttons	Easy access for configuration and status report		
RS-232 Terminal		User Friendly interface for configuration and status report			
Browser Based GUI		Embedded GUI management interface			
Event Notification		built-in buzzer, e-mail or SNMP			
Environment Specification	Humidity	10% to 85% non-condensing			
	Operating Temp	5°C to 40°C			
	Non-Operating Temp	-25°C to 60°C			
	Safety Regulatory	UL, CUL, CB			
	EMC Standard	FCC, CE, C-Tick, BSMI			
Dimensions & Weight	Physical Dimension	447(W) x 565(D) x 132(H)mm		485(W) x 555(D) x 88(H)mm	
	Physical Weight	22 Kgs (w/o drives)		16 Kgs (w/o drives)	
	Packed Dimension	609(W) x 790(D) x 466(H)mm		600(W) x 707(D) x 429(H)mm	
	Packed Weight	32 Kgs (w/o drives)		26 Kgs (w/o drives)	

\*1. SFP Module is not included

\*2. SMARTCor. Functions include Disk Self Test, Disk Scrubbing, and Disk Clonning

\*3. Notificationi through e-mail or SNMP is supported by Global-Net GUI

# Technical Specifications **JanusRAID**

Arena Janus Series **The Guard of Data**



Model No.		Janus4340 (SA-4340)	Janus4341 (SA-4341)	Janus3340 (SA-3340)	Janus4240 (SA-4240)
Host Channel	Hose Interface	U320 SCSI	2Gb Fibre	U320 SCSI	U320 SCSI
	Data Transfer rate	Up to 320 Mb/s	Up to 2Gb/s	Up to 320 Mb/s	Up to 320 Mb/s
	ID Assignment	0-15	0-127	0-15	0-15
	Host Channel No.	2			
	External Connector Type	HPD x 4	SFP x 4 (*1)	HPD x 4	HPD x 4
	Expansion	SCSI Daisy Chain	FC Port-By-Pass Cir.	SCSI Daisy Chain	SCSI Daisy Chain
Hardware	Controller CPU	Intel i80331® RISC CPU (667Mhz)			
	Cache Memory	Up to 2GB DDR RAM			
	Disk Interface	SATAII (3Gb/s)			
	Disk Channel No.	8			6
	Hot Swap Disk Tray	8 x 3.5" swappable trays			6 x 3.5" swappable trays
	Hot Swap P/S	300W x 2 Redundant			
	AC Input Voltage	100 to 240V(+/-10%), 47 to 63 Hz			
	Hot Swap Fan	2 x Turbo Fan (3,600 rpm)			
RAID Functions	RAID Level	JBOD, 0, 1, 0+1, 3, 5, 6, TP, 30, 50, NRAID			
	RAID Sets	MAX. 8			
	Data Rebuild	Automatic Data Regeneration			
	RAID Features	Global Hot Spares, Multiple Host ID, Multiple RAID Sets and Multiple Slices, Background Initialization			
	Advanced Data Reliability Assurance	SMARTCor. Function (DST, DS, DC) (*2)			
	Online Expansion	Yes			
RAID Management	Front Panel LCD and Buttons	Easy access for configuration and status report			
	RS-232 Terminal	User Friendly interface for configuration and status report			
	Browser Based GUI	Embedded GUI management interface			
	Event Notification	built-in buzzer, e-mail or SNMP			
Environment Specification	Humidity	10% to 85% non-condensing			
	Operating Temp	5°C to 40°C			
	Non-Operating Temp	-25°C to 60°C			
	Safety Regulatory	UL, CUL, CB			
	EMC Standard	FCC, CE, C-Tick, BSMI			
Dimensions & Weight	Physical Dimension	485(W) x 620(D) x 90(H)mm	336(H) x 200(W) x 321(D)mm	485(W) x 620(D) x 90(H)mm	
	Physical Weight	16 Kgs (w/o drives)	11.5 Kgs (w/o drives)	15 Kgs (w/o drives)	
	Packed Dimension	809(W) x 610(D) x 280(H)mm	542(H) x 402(W) x 526(H)mm	809(W) x 610(D) x 280(H)mm	
	Packed Weight	23 Kgs (w/o drives)	20 Kgs (w/o drives)	22 Kgs (w/o drives)	

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