

# Alnico Gen 2

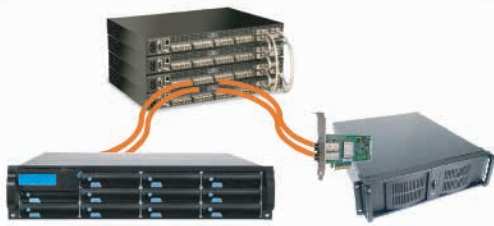
## High Availability 6Gb SAS RAID and JBOD Series

Securing you data  
**through us**





# SAN Storage



# Surveillance



## Alnico AN-6 RAID Series

Model	<b>AN-624S6S</b>		<b>AN-616S6S</b>		<b>AN-612S6S</b>	
	AN-624S6S		AN-616S6S		AN-612S6S	
Controller Number	S6N: 1		S6N: 1		S6N: 1	
RAID Architecture	800Mhz RAID-On-Chip Storage Processor. Up to 4GB DDR2-800 ECC RDIMM (Registered DIMM) on one socket. Write-Through or Write-back cache mode support. NVRAM for RAID configuration and transaction log.			Advanced PCI-Express 2.0 x8 bus architecture. Default cache memory size: 1GB Battery backup modules ready (Optional). Real time clock support.		
RAID Features	RAID Levels: 0, 1,1E, 3, 5, 6, 50, 60 & JBOD. Online array roaming. Automatic drive insertion / removal detection and rebuilding. Online capacity expansion and RAID level migration simultaneously. Support spin down drivers for idle disk to extend service life ( MAID ). Great than 2TB per volume set ( 64-bit LBA support) Support Global Hot Spare and local Hot Spare disk Disk Scrub/ array verify scheduling for automatic repair for RAID sets.			Multiple RAID selection. Offline RAID set Online volume set growth. Online RAID level / stripe size migration. *Instant availability and background initialization. Supports up to 122 SAS devices. Max 128 LUNs ( volume sets ) per RAID set Login record in the event log with IP address and service (http, telnet, and serial)		
System Type	4U Rackmount		3U Rackmount		2U Rackmount	
Host Interface	Dual miniSAS (4x6Gb) ports per controller		Dual miniSAS (4x6Gb) ports per controller		Dual miniSAS (4x6Gb) ports per controller	
Disk Interface	24 x 6Gb SAS / 6Gb SATA drives (Optional SAS-SATA Bridge available)		16 x 6Gb SAS / 6Gb SATA drives (Optional SAS-SATA Bridge available)		12 x 6Gb SAS / 6Gb SATA drives (Optional SAS-SATA Bridge available)	
	AN-6XXS6N: Single downstream miniSAS (4x6Gb) expansion port AN-6XXS6S/D, AN-6XXF8S/D: Dual downstream miniSAS (4x6Gb) expansion ports per controller					
	Lockable Disk carrier can support both 2.5" and 3.5" drives without additional accessories					
RAID Management	Firmware-embedded Web browser-based RAID manager via built-in 10/100 Ethernet. Firmware-embedded manager through front LCD control panel. Firmware-embedded manager via RS-232 port. Field-upgradeable firmware in flash ROM.					
Monitoring / Indicators	All system status can be monitored by firmware-embedded Web browser-based RAID manager. Firmware-embedded SNMP agent allows the remote to monitor events with no SNMP agent required. System status indication through LCD, LED and alarm buzzer. All system events can be sent to multiple user alerts via e-mails. ( SMTP )					
Operating System	*Single controller: OS independent and transparent *Redundant controller: MPIO (Multipath I/O) driver required					
Cooling System	Dual redundant FAN modules, each FAN module contains 2 FANs.				Redundant by dual FAN module, each FAN module with 2 x Blowers included	
Power Supply	Redundant by three 500W/80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.		Redundant by dual 500W / 80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.		Redundant by dual 500W / 80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.	
Electrical	AC Voltage 100-240 VAC / AC Frequency 50-60Hz					
Temperature	Operating temperature: 5 to 35 degree C. Non operating temperature: -40 to 60 degree C.					
Relative Humidity	20% to 80% non-condensing					
Dimension	446.5mm(W) x 517mm(D) x 4U		446.5mm(W) x 517mm(D) x 3U		446.5mm(W) x 517mm(D) x 2U	
Weight	S6S/S6N/F8S : 34KGS; F8D/ S6D: 36.5KGS		S6S/S6N/F8S : 20KGS ; S6D/F8D : 22.5KGS		S6S/S6N/F8S : 17KGS ; S6D/F8D : 20KGS	

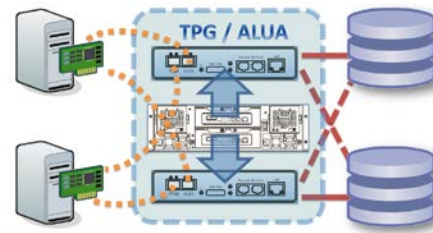
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# Data Center



# HA / Cluster



## Alnico JBOD Series

<b>Model</b>	<b>AN-624J6S</b>		<b>AN-616J6S</b>		<b>AN-612J6S</b>	
	AN-624J6S		AN-616J6S		AN-612J6S	
<b>Controller Number</b>	1		1		1	
<b>Features</b>	Redundant mode supported with dual I/O expander module using either RAID controllers or HBAs to achieve failover protection. DataBolt™ Bandwidth Optimizer for balance faster host and slower SAS or SATA devices.					
<b>System Type</b>	4U Rackmount		3U Rackmount		2U Rackmount	
<b>Host Interface</b>	One upstream miniSAS HD (4x12Gb) connector per I/O expansion module.					
<b>Disk Interface</b>	24 / 16 / 12 x 6Gb SAS / 6Gb SATA drives (Optional SAS-SATA Bridge supported) Dual downstream miniSAS HD (4x12Gb) expansion connector per I/O expansion module, supports up to 256 devices expansion					
<b>RAID Management</b>	JBOD Subsystems are managed by RAID subsystem. Provide CLI by console port.					
<b>Monitoring / Indicators</b>	Through in-band SES (SCSI Enclosure Service), out-of-band RS-232 port					
<b>Operating System</b>	OS independent and transparent					
<b>Cooling System</b>	Dual redundant FAN modules, each FAN module contains 2 FANs.				Redundant by dual FAN module, each FAN module with 2 x Blowers included	
<b>Power Supply</b>	Redundant by three 500W/80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.		Redundant by dual 500W / 80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.		Redundant by dual 500W / 80 Plus energy-efficient power modules with PFC, load sharing and cable-less design.	
<b>Electrical</b>	AC Voltage 100-240 VAC / AC Frequency 50-60Hz					
<b>Temperature</b>	Operating temperature: 5 to 35 degree C. Non operating temperature: -40 to 60 degree C.					
<b>Relative Humidity</b>	20% to 80% non-condensing					
<b>Dimension</b>	446.5mm(W) x 517mm(D) x 4U		446.5mm(W) x 517mm(D) x 3U		446.5mm(W) x 517mm(D) x 2U	
<b>Weight</b>	AN-624JTS: 34KGs, AN-624JTD: 36KGs,		AN-616JTS: 20KGs, AN-616JTD: 22KGs,		AN-612JTS: 17KGs, AN-612JTD: 19KGs,	

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