Alnico Gen 2

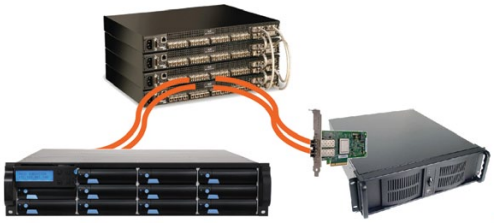
High Availabilty 6Gb SAS RAID and JBOD Series

Securing you data

through us

etaStor

SAN Storage



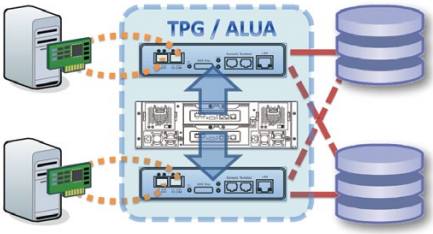
Surveillance

Alnico AN-3 series RAID Series

Model	AN-316		AN-312		AN-308	
	AN-316F4N	AN-316S3N	AN-312F4N	AN-312S3N	AN-308F4N	AN-308S3N
RAID Architecture	Intel 81348 I/O processor Support extreme performance hardware RAID 6 function Up to 4GB DDR2-667 ECC UDIMM (Unbuffered DIMM) on one socket. Write-through and write back-cache support NVRAM for RAID event log and real time clock support.					
RAID Features	RAID Levels: 0, 1, 3, 5, 0+1, 6 & JBOD Multiple RAID selection Online RAID level / stripe size migration Online Array roaming Greater than 2TB per volume set Instant availability and background initialization Hot Spare Disk / Pass through Disk support Automatic drive insertion / removal detection and rebuilding		Support spin down drivers for idle disk to extend service life (MAID) Online capacity expansion and RAID level migration simultaneously			
System Type	3U Rackmount		2U Rackmount		2U Rackmount	
Host Interface	Dual 4Gb FC ports	Dual miniSAS (2x3Gb) ports	Dual 4Gb FC ports	Dual miniSAS (2x3Gb) ports	Dual 4Gb FC ports	Dual miniSAS (2x3Gb) ports
Disk Interface	16 of SATA II drives		12 of SATA II drives		8 of SATA II drives	
	Lockable Disk Carrier can support both 2.5” and 3.5” device without additional accessories					
Battery Backup Module	Optional, supporting 72 hours battery backup time					
RAID Management	Firmware-embedded Web browser-based R AID manager via built-in 10/100 Ethernet port Firmware-embedded manager via RS-232 port Firmware-embedded manager through Front LCD control panel Field-upgradeable firmware in flash ROM					
Monitoring / Indicators	All system status can be monitored via Firmware-embedded Web browser-based R AID manager System status indication through LCD, LED and alarm buzzer All system events can be sent to multiple user alerts via "Plain English" e-mails Firmware-embedded SNMP agent allows the remote to monitor events through LAN with no SNMP agent required					
Operating System	OS independent and transparent					
Power Supply	Redundant by Dual 500W / 80 PLUS energy-efficient power modules with PFC feature and , load sharing type and cable-less design					
Electrical	AC Voltage 100-240 VAC / AC (+- 10% Full Range), 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 3U		446.5mm(W) x 517mm(D) x 2U			
Weight	18KGS		13.5KGS		13KGS	

Video Editing

HA / Cluster



AInico AN-6 series RAID Series

	AN-624			AN-616			AN-612			JBOD		
Model	AN-624S6N AN-624S6S/D	AN-624F8S/D	AN-624E8N	AN-616S6N AN-616S6S/D	AN-16F8S/D	AN-616E8N	AN-612S6N AN-612S6S/D	AN-612F8S/D	AN-612E8N	AN-624J6S/D	AN-616J6S/D	AN-612J6S/D
Controller Number	S6N: 1 6S/D: 1 or 2	1 or 2	1	S6N: 1 6S/D: 1 or 2	1 or 2	1	S6N: 1 6S/D: 1 or 2	1 or 2	1	Single or dual redundant I/O expansion module support.		
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 Scrubbing / array verify scheduling for automatic repair of all configured 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			4U	3U	2U
Host Interface	Dual miniSAS (4x6Gb) ports per controller	Quad 8Gb FC ports per controller	PCIe x8	Dual miniSAS (4x6Gb) ports per controller	Quad 8Gb FC ports per controller	PCIe x8	Dual miniSAS (4x6Gb) ports per controller	Quad 8Gb FC ports per controller	PCIe x8	One upstream miniSAS (4x6Gb) ports per I/O expansion module.		
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)			24 / 16 / 12 x 6Gb SAS / SATA drives (Optional SAS-SATA Bridge available) Dual downstream miniSAS (4x6Gb) expansion port per I/O expansion module, supports up to 122 devices expansion		
	Dual downstream miniSAS (4x6Gb) expansion ports per controller (6241SN / 616SN / 612SN with one downstream miniSAS(4x6Gb) expansion port only)											
	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.									*Managed via RAID subsystem. *CLI by console port.		
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)									Through in-band SES (SCSI Enclosure Service)		
Operating System	***Single controller:** OS independent and transparent ***Redundant controller:** MPIO (Multipath I/O) driver required ***AN-624E8 / AN-616E8 / AN-612E8: device driver required** (Support OS: Windows XP / 2000 / Server 2003 / Vista, Linux, FreeBSD, Solaris 10 X86 / X86_64, Novell Netware 6.5, SCO UnixWare 7.1.4, Mac OS X 10.x)									OS independent and transparent		
Power Supply	Redundant by three 500W / 80 Plus energy-efficient power modules with PFC and, 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.			4U: Redundant by three 500W power 3U: Redundant by dual 500W power 2U: Redundant by dual 500W power		
Electrical	AC Voltage 100-240 VAC / AC Frequency 50-60Hz									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.									Operating temp: 5 to 35 degree C. Non operating temp: -40 to 60 degree C.		
Relative Humidity	20% to 80% non-condensing									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			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			34KGS / 21KGS / 17KGS		

AInico AN-7 series RAID Series

	AN-724			AN-716			AN-712		
Model	AN-724S6S AN-724S6D	AN-724F8S AN-724F8D	AN-724E8N	AN-716S6S AN-716S6D	AN-716F8S AN-716F8D	AN-716E8N	AN-712S6S AN-712S6D	AN-712F8S AN-712F8D	AN-712E8N
Controller Number	1 or 2	1 or 2	1	1 or 2	1 or 2	1	1 or 2	1 or 2	1
RAID Architecture	800Mhz RAID-On-Chip Storage Processor. Up to 8GB DDR3-1333 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 3.0 bus architecture. Default cache memory size: 2GB 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 Scrubbing / array verify scheduling for automatic repair of all configured 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	Quad 8Gb FC ports per controller	PCIe x8	Dual miniSAS (4x6Gb) ports per controller	Quad 8Gb FC ports per controller	PCIe x8	Dual miniSAS (4x6Gb) ports per controller	Quad 8Gb FC ports per controller	PCIe x8
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)		
	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 ***AN-724E8N / AN-716E8N / AN-712E8N: device driver required** (Support OS: Windows XP / 2000 / Server 2003 / Vista, Linux, FreeBSD, Solaris 10 X86 / X86_64, Novell Netware 6.5, SCO UnixWare 7.1.4, Mac OS X 10.x)								
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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About PetaStor

PetaStor, Inc. is a leader and pioneer in manufacturing high reliable, quality, and cost-effective disk array subsystems for SMBs and enterprises that regard the RAID subsystems having high performance, high reliability, and quality as the most important matter in various applications.

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