

Alnico RAID | AL-6060 Series
6-Bay Ultra 320 SCSI/4Gb Fibre to SATA-II RAID System **SATA II**

Overview



The unique and well-designed PetaStor "Alnico Lite (AL-6060)" is categorized as the Entry-level in Alnico series, it combines the new generation SATA-II hard drive interface with high performance Ultra 320 SCSI / 4Gb FC-AL (Fibre) host connection and its superior performance makes this entry-level RAID technologically advance as well as reliable. The easy management with e-mail event notification feature requires no supervision of IT personnel which provides the perfect environment for small business department.

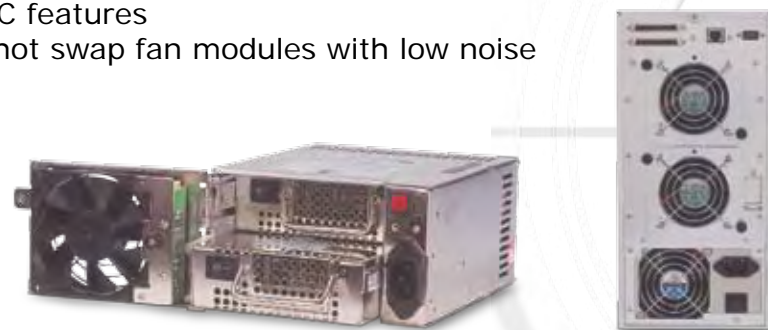
The portability Tower-type enclosure provides end-user the flexible connection to various desktops and tower-type servers. Under the stylish Alnico Lite outlook, it features the storage flexibility and simplicity while ensuring optimum data protection.

Excellent Performance

- RAID controller high-performance architecture comes from Intel 80219 I/O processor along with 256MB DDR SDRAM onboard cache memory with ECC protection.
- Advanced 64-bit PCI-X 133Mhz bus architecture
- AL-6060-S with single Ultra 320 SCSI Channel is as the host interface.
- AL-6060-F with single 4Gb FC-AL (Fibre) is as the host interface.
- New generation of SATA-II is as the disk interface.

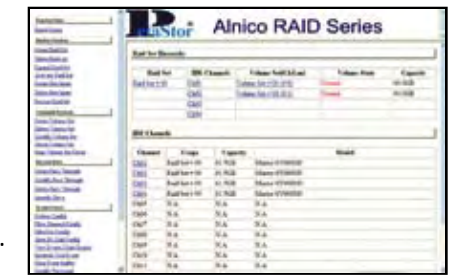
Continuous Availability

- RAID Levels: 0, 1, 3, 5, 0+1, 6 & JBOD
- "Online Array roaming" allows the administrators the ability to move a complete raid set to another system without losing RAID configuration and data on that raid set.
- Optional Single ATX 300 watts power supply or 2 x 250 watts Redundant Power Modules with PFC features
- Redundant and hot swap fan modules with low noise



Easy RAID Management

- Web Browser-based RAID manager allows local or remote to access it from any standard internet browser via LAN or WAN with no software and patches required.
- The warning message will show in the LCD, respect LED and alarm buzzer
- All system events can be sent to multiple user alerts via e-mails.
- SNMP agent allows remote to monitor events through LAN with no SNMP agent required.



Capacity

- Users can easily daisy chain more Alnico units and extend optimum capacity.
- Online capacity expansion and RAID level migration simultaneously

Alnico Lite Series: AL-6060 Tower-Type, Ultra 320 SCSI/4Gb Fibre to 6 bays SATA-II Disk Array

Model	AL-6060S-S	AL-6060R-S	AL-6060S-F	AL-6060R-F
RAID Architecture	<ul style="list-style-type: none"> • Intel Xscale 80219 400Mhz I/O processor • 256MB DDR SDRAM onboard cache memory with ECC protection • Advanced 64-bit PCI-X 133Mhz bus architecture. 			
RAID Features	<ul style="list-style-type: none"> • RAID Levels: 0, 1, 3, 5, 0+1, 6 & JBOD • Online RAID level/stripe size migration • Online Array roaming. • Online capacity expansion and RAID level migration simultaneously • Hot Spare Disk / Pass through Disk support. • Automatic drive insertion / removal detection and rebuilding. 			
System Type	• Tower-Type			
Host Interface	• Single Ultra 320 SCSI Channel	• Single 4Gb FC-AL (Fibre, SFP)		
Disk interface	• 6 of SATA II Disk Drive supported			
RAID Management	<ul style="list-style-type: none"> • Firmware-embedded Web browser-based RAID 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	<ul style="list-style-type: none"> • All system status can be monitored via Firmware-embedded Web browser-based RAID • 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 remote to monitor events through LAN with no SNMP agent required • OS independent and transparent 			
Operating System Power Supply	<ul style="list-style-type: none"> • AL-6060R: Redundant by Dual 250 watts Power Modules with PFC feature (Load Sharing Type) • AL-6060S: Single ATX 350 watts Power Supply with PFC feature • AC Voltage 100-240 VAC/AC (+/- 10% Full Range), Frequency 50-60Hz 			
Electrical Temperature	• Operating Temperature: 5 to 35 degree C. Non Operating Temperature: -40 to 60 degree C.			
Relative Humidity	• 20% to 80% non-condensing			
	• 166mm(W) x 278mm(D) x 346mm(H)			

