





- ☑ 19" Rockmount 4U 24-Bay
- ☑ Host by 4Gb / 8Gb Fibre Channels
- ☑ Advanced RAID Controller Redundancy
- ☑ Expandable to 122 Devices with SAS JBODs

SyneRAID6 Enterprise Solution

Controller No.	 SyneRAID6-24F4SS-4U (1/Single)	 SyneRAID6-24F4SS-4UD (2/Dual)
RAID Architecture	<ul style="list-style-type: none"> • Intel IOP81341 64bit Storage Processor. • Intel RAID 6 engine to support extreme performance RAID 6 function. • Up to 4GB DDR2-533 SDARM on one DIMM socket with ECC protection. • NVRAM for RAID configuration and transaction log. • Real time clock support. • Battery backup modules ready (Option). • Advanced PCI-E and 64-bit PCI-X 133Mhz bus architecture. 	
RAID Features	<ul style="list-style-type: none"> • RAID Levels: 0, 1,1+0, 3, 5, 6, 50, 60 & JBOD. • Multiple RAID selection. • Online RAID level / stripe size migration. • Online array roaming. • Instant availability and background initialization. • Online capacity expansion and RAID level migration simultaneously. • Support spin down drivers for idle disk to extend service life (MAID). • Automatic drive insertion / removal detection and rebuilding. • Hot-spare disk / pass through disk support. • Disk Scrubbing / array verify scheduling. • Supports up to 122 SAS devices. • Max 128 LUNs (volume set) per raid set. • Online volume set growth. • Scheduled Volume Checking support. 	
Form Factor	4U Rackmount	
Host Interface	Dual 4Gb FC ports per controller Or Dual 8Gb FC ports per controller (Optional)	
Disk Interface	24 x SAS / SATAII drives (see note #1) 1 x miniSAS (4x3Gb) port for expansion (Up to 122 devices)	
RAID Management	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Systems status can be monitored by 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 driver required	
Power Supply	Redundant by three 460 Watts Power modules with PFC. Load sharing type and cable-less design.	
Electrical	AC Voltage 100-240 VAC / AC Frequency 50-60Hz	
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 550mm(D) x 4U	
Weight	36.5KGS w/o Hard Drives	

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* Note 1: SyneRAID6-24F4SS-4UD redundant controller RAID subsystem Does Not support SATAII hard drives, only SAS