Fibre Channel Series / iSCSI RAID Series

mAGE316U40-FC

3U 16 bay Dual Fibre to SAS/SATA Raid Subsystem

Introduction

The mAGE316U40-FC 3U 16 bay 4Gb Fibre to SAS/SATA disk array storage subsystem features with two 4Gb Fibre Channel Host interface to provide high capability and outstanding performance. The core engine adopts the cutting edge 64-bit storage processor of Intel IOP341 MPU provide that sustains a data throughput over 600MBps (MPIO) system with Raid 6 technology for highest data protection level and unparalleled performance.

3.0 Gbps | Key Lock | SAS/SATA | RAID | Hot-Swappable | RoHS Compliant | Cooling Fan | Alarm

Features

- Dual 4Gb Fibre Channel Host Ports for Failover
- Hardware RAID Intel IOP 341 800MHz Processor
- Supports RAID Level 0, 1, 0+1, 3, 5, 6, 30, 50, 60 & JBOD
- Cache Memory Up to 4GB DDR2-533 SDRAM on One DIMM Socket with ECC Protection
- Instant Availability and Background Initialization
- Greater Than 2TB per Volume Set (64-bit LBA Support)
- Supports Online Array Roaming, Online RAID Level/Stripe Size Migration, and Online Capacity Expansion
- Easy RAID Management Through Front LCD Control Panel, RS-232 Port or Ethernet Port
- Event Notification via Email, SNMP Trap, Windows & Browser
- Backplane Designed Supports Sixteen (16) SAS/SATA II 3Gbps Drives
- Provides Extra miniSAS Port for SAS JBOD Expansion Up to 122 Devices & 128 LUNs

Specifications

Dimension (W x H x D)	19 x 5.16 x 22 inches
Cooling	Two 7.5 x 7.5 x 2.8 cm Hot-Swappable Blowers Fans
HDD Interface	SAS/SATA II (3Gbps)
Host Interface	Dual 4Gb Fibre Channel
LED Display for Environmental Monitoring	Power on LED – white Fan normal – green; fail – red (too slow rpm or stop) Temp normal – green; over 55 °C – red
Material	Heavy-duty cold-rolled steel Housing
Packaging Information	Enclosure x 1 HDD Tray x 16 Power Cord x 2 Manual CD-ROM x 1 Hard Disk Drive Mounting Screws x 64 Key for HDD Tray x 2
Power Supply	400W redundant psu (Server-grade) (with 750W single psu model: mAge316U40-FC-S)
Raid Function	RAID 0, 1, 10, 3, 5, 6, 30, 50, 60 or JBOD
CPU & Memory	Intel 800MHz IOP341 with 512M DDR2-533(upgradeable to 4GB)
Expansion Slots	One miniSAS connector for Expander JBOD Chassis

mAGE208U20-iSCSI

2U 8-bay iSCSI RAID Storage Rackmount Chassis

Specifications

Dimension (W x H x D)	19 x 3.5 x 18 inches
Cooling	Two 7.5 x 7.5 x 2.8 cm Blowers Fans
HDD Interface	SATA II (3Gbps)
Host Interface	Dual Port iSCSI Gigabit Ethernet
LED Display	Green – Power on indicator Blue – Busy (HDD Accessing) indicator
Hot-Swap	Both on Host and Device
Material	Heavy-duty Cold-rolled Steel
Packaging Information	Enclosure x 1 HDD Tray x 8 Power Cord x 1 Manual CD-ROM x 1 Hard Disk Drive Mounting Screw x 32 Key for HDD Tray x 2
Power Supply	300W single psu (Server-grade) (with 400W redundant psu model: mAge208U20-iSCSI-R)
RAID Level	0, 1, 0+1, 3, 5, 6 & JBOD
O.S. Support	OS Independent, Compatible with Windows, Linux & Mac
CPU & Memory	Intel IOP 331 & 512MB DDR

3.0 Gbps | Key Lock | SAS/SATA | RAID | Hot-Swappable | RoHS Compliant | Alarm | Cooling Fan | RAID

Features

- Aluminum Heat-Sink Body and Fan Coolers for Best Ventilation
- Supports Eight SATA Drives
- Individual Key Lock of Each HDD Tray for Physical Security
- LED Indicators for Power and Activity on Each HDD Tray
- Environmental Monitoring with Power/FAN/TEMP LEDs and Mutable Buzzer Alarm
- Front-end Dual Gigabit Ethernet TCP/IP Offload Device
- Hardware RAID Intel IOP 331 64-bit processor
- Supports Raid Levels 0, 1, 0+1, 5, 6, 50, 60 & JBOD
- Online Volume Expansion & Migration
- Supports MPIO in Windows 2000 & Windows 2003 Server system
- Event notification via Email, SNMP trap, Windows & Browser

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