SIRAYA   BASIC   PRODUCT SPECIFICATION

Host Port(e-SATA/USB/Giga LAN) to 4 Bay Multiplier RAID

PRODUCT DESCRIPTION

The SIRAYA is 1 to 4 Port RAID machine with Port Multiplier function support. It is Provide SATA port expansion & data protection and performance aggregation at Various applications.

If You will configuration and use SIRAYA RAID ;Please plug in 4 SATA H.D.D and Link to SIRAYA form e-SATA Port or USB1.1/2.0 Port or 10/100/1000Mbps LAN Port for RAID Storage applications.

PRODUCT FEATURES

-Supports RAID Levels : 0/1/3/5/10/LARGE/CLONE.

-RAID 3/5 Write-back cache to enhance performance.

-Supports more than 2Tera Bytes RAID device.

-Supports on-line command based bad sector recovery.

-Supports on-line Auto Rebuild.

-Rebuild speed 200GBytes /Hour.

-Rebuild proceed continuously between power cycling.

-Supports Hot Spare on RAID.

-Supports various RAID configurations and monitoring method.

- Support configuration and use RAID of three kinds

Support 1port SATAII Host Port.

Support 1port USB1.1/2.0   Host Port.

Support 1port 10/100/1000Mbps LAN Port; The LAN port support Auto Sensing MDI/MDI-X .

-Support SATA HDD Device Compatible and Hot-Plug.

-S.M.A.R.T support.

-Windows XP /Vista Management interface available.

OPTION FEATURES

-Support the RAID Error warning from Buzzer

-Support the Temperature Sensor to monitoring.

-Support the Redundant Power Sensor to monitoring.

-Support the FAN Sensor to monitoring.

FUNCTION SPECIFICATIONS

Standard Support	Serial ATA High Speed Serialized AT attachment Spec. rev2.5
	Serial ATA II PHY Electrical Spec. rev1.0
	Serial ATA II Port Multiplier Spec. rev1.1
	SATA & SATA II Asynchronous Signal Recovery Support.
	USB Spec. rev1.1
	USB Spec. rev2.0
	IEEE802.3
	IEEE802.3U
	IEEE802.3AB.
	IEEE802.3X
LAN INTERFACE	ONE PORT 10/100/1000Mbps Half/Full Duplex Auto Sensing MDI/MDI-X
SATA INTERFACE	ONE PORT e-SATA to Host (SATA II Support).
	FOUR PORT SATA to Device (SATA II Support).
LEDS	**Per Unit:**
	RAID SATA DEVICES LINK LED.
	RAID SATA DEVICE ACTIVE LED
	LAN:
	1000Mbps LINK LED
	ACTIVE LED.
	Option Unit:
	Redundant Power Status LED
	FAN Status LED
SYSTEM MONITOR	RAID Error warning from Buzzer.
	Temperature Sensor.
	Redundant Power Sensor.
	FAN Sensor.
POWER	AC 100/240V 50/60HZ ;120Watt.

EVNVIRONMENTAL

OPERATING

-Operating Temperature : **0~40　　(32 ~ 104　　)**

-Relative Humidity : 5% ~ 95% non – condensing

STORAGE

-Operating Temperature : **-10~75　　(14~ 167　　)**

-Relative Humidity : 0% ~ 95% non – condensing

ELECTRICAL

AC POWER

-Input Voltage : AC 100/220V ; 50/60HZ

-Power Consumption : 120 W (Max)

MECHANICAL

PCB Dimension : 135.00 mm(L)X 90.00 mm(W)X 20.00 mm(H)