

A Non-Stop RAID 1 controller



Support Enterprise SNMP Agent Management

- Host Interface: SATA III (6.0Gbps), compatible with SATA II
- Plug and Play. No Driver Needed
- Support Disk Hot-swap and Auto-Rebuild
- 6cm silent and cooling fan
- RAID 1 or RAID 0 mode
- ARAID SMART monitoring system
- Optional Scheduled Backup Function (No RAID 1 functions)





RAID 1 VS RAID 0



Total Capacity 8 TB Safe Mode

Capacity: Master drive 8TB + Secondary drive 8TB

Recommendation:

Use as System Drive or Data Drive

RAID 1 combines two hard drives into one hard drive; the secondary drive is used as a mirror drive of the master drive. All the data written onto the master drive will also be copied onto the secondary drive; therefore if the master drive fails, there is a complete backup on the secondary drive which is able to replace and work as the master drive immediately. That's why RAID 1 has the best data safety.



RAID

Speed Mode Total Capacity 16 TB

Capacity: 8TB + 8TB = 16TB

Recommendation: Use as Data Drive

RAID 0 combines two hard drives into a hard drive with doubled capacity. When data is written onto it, the data will be scattered onto the two drives; and when data is being read, data will be acquired from the two drives simultaneously. The advantage of RAID 0 is faster data access, but its disadvantage is that it has no safety; once one of the hard drives fails, all data on both hard drives will be completely lost.





A failed hard disk can never let you down again.

Two good drives

One drive failed Remove failed drive

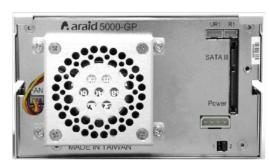
Insert new drive & start disk rebuild



Rebuild complete







ARAID 5000 Specification	
Host Interface	SATA III (6.0Gbps), compatible with SATA I (1.5Gbps) and SATA II (3.0Gbps)
Hard Drive Interface	3.5 inch SATA III (6Gbps) x 2
RAID Level	RAID 1 or RAID 0 (User can set manually)
Front Panel LCD	Displays status of system and hard drive (cooling fan, temperature, HDD rebuilding and HDD fail)
LED Indicator	Shows hard disks READ or WRITE status
Hard Drive Fail Alert	LCD, LED, Buzzer, Email and SNMP Trap Notifications
Single/Dual Switch	Mirror-on-Demand function, rebuild disk manually, which can protect standby hard disk accidental data deletion and anti-virus function
Cooling Fan	6cm silent and cooling fan
No Driver	Yes
HDD Hot-Swap	Yes
OS Support	Windows, Linux, Mac, Solaris, SCO Unix, NetWare, DOS etc.
Dimension	Internal Model : 146 mm(W) x 86 mm(H) x 195 mm(D). Standard 5.25" drive bay x 2 External Model : 183 mm(W) x 156mm(H) x 240mm(D)
Weight (Without HDD)	Internal Model : approx. 0.7kg External Model : approx. 2.68kg
Power Consumption	Internal Model (without HDD) : 2.84W External model (without HDD) : approx. 5.14W ~ 7.32W (depend on models)
Power Supply	Internal Model: Dual Power (Traditional Large 4-pin Power Socket x 1 & SATA Power Socket x 1) External Model: AC 100V ~ 240V
Package Include	ARAID 5000 x1
	HDD Tray x 2
	RS232 to USB Cable x 1
	RS232 Output Cable x 1, RS232 Input Cable x 1
	Accessory bag (Chassis screws x 8, HDD tray screws x 8, Keys x 4)
	CD disk (ARAID Eye, ARAID SNMP, ARAID SMART utilities)
	User manual



















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