

araid[®] M500/5000

Non-Stop RAID 1 Controller

FIRST

Supports enterprise-level management through SNMP.

- Wide OS compatibility: Windows 11/10/7/XP, Linux, Ubuntu, etc.
- Intuitive display of operation & ARAID status through LCD/LED/Buzzer.
- Cooling fan for additional heat dissipation.
- Supports HDD with capacity up to 18TB.
- Online & offline backup

Back up operating system, programs, and data while in use.

Instantly restore system and data upon drive failure, data corruption or ransomware attack



Installed in rackmount IPC.



Applications



Semiconductor.



Infrastructure.



Manufacturing.



Gaming.



Any applications in which uptime is vital.



Never let a failed drive stop your systems again.

Pri HDD : OK
Sec HDD : OK

Two good drives

Pri HDD : OK
Sec HDD : Fail

One drive failed

Pri HDD : OK
Sec HDD : OFF

Remove failed drive

Rebuilding...
Pri → Sec 02%

Insert new drive
& start disk rebuilding

Rebuilding...
Pri → Sec 02%

Rebuilding...
Pri → Sec 20%

Rebuilding in
progress (20%)

Pri HDD :
Sec HDD :

Rebuilding
complete

araid[®] 5000/M500

SATA



	M500	5000
Host Interface	SATA III (6.0 Gbps), compatible with SATA I (1.5 Gbps) and SATA II (3.0 Gbps)	
Disk Drive Interface	SATA III (6.0 Gbps) x 2	
RAID Levels	RAID 1, RAID 0 (can be set by the user)	
LCD	Displays ARAID and disk drive status: Cooling fan alert, temperature alert, rebuilding progress, and drive failure	
LED Indicators	Disk drive read and write status	
Disk Drive Failure Alerts	LCD, LED, buzzer, email, and SNMP trap notifications	
Single/Dual Switch	Mirror-on-Demand function (allows manual disk rebuilding). Protects data in the secondary disk from accidental deletion and viruses.	
Cooling Fan	4 cm silent cooling fan	6 cm silent cooling fan
Drivers	None required	
Disk Hot-Swapping	Supported	
Supported OS	Windows (11/10/7/XP), Linux, Mac, Solaris, SCO Unix, NetWare, DOS, etc.	
Operating Temperature	0 °C - 65 °C	
Dimensions	146 mm (W) x 43 mm (H) x 165 mm (D). Standard 5.25" drive bay x 1	146 mm (W) x 85.6 mm (H) x 191.4 mm (D). Standard 5.25" drive bay x 2
Weight (without disk drive)	approx. 0.61 kg	approx. 1.2 kg
Power Consumption (without disk drive)	2.84W	
Power Supply	Dual power (LP4 4-pin power connector x 1, SATA power connector x 1)	

* Models for IDE and SCSI host interface also available.



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