

74mm

TOOL FREE SCREW-LESS TRAY-LESS

[HDD-ROM] Fit all 3.5" Serial ATA hard disk



Supports all 3.5" SATA hard drives
Supports SATA II (3.0Gb/s)
NSS connector gives over 50,000 cycle hot swaps

MRA302 Manual

Specifications:

- Fit all 3.5" Serial ATA hard disk
- Supports hot swap
- Supports SATA II (3.0Gb/s)
- Housing Assembly: 194x148x42(mm)
- Interface: Standard SATA
- Weight: 502.1g
- Operating Temperature: 0~55°C

System requirements:

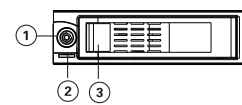
- System windows 98/ME/2000/XP/2003 Server or MAC OS v9.0 above
- One free 5.25" slot inside the case
Lack of space, HDD-ROM can not be installed
- One free SATA port on board
HDD-ROM needs an idle SATA port, please ensure the port on the main board is working before installation

Package Content:

MRA302 HDD-ROM	1Pcs
SATA data cable	1Pcs
Fan power & access SATA cable	1Pcs
User manual	1Pcs
Screws	4Pcs
Keys	2Pcs

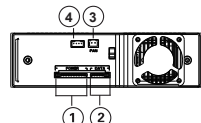
Front panel:

1. Lock
2. LED indicator (Blue in left, orange in right)
3. Spring lock



Rear panel:

1. SATA power connector (15P)
2. SATA data connector (7P)
3. FAN Power (2P)
4. HDD: access (2P)



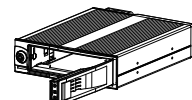
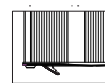
Note: Point 3 and 4 are connected through the small 4P connector

Lock:

- A: Un-removable
- B: Removable



Spring lock:

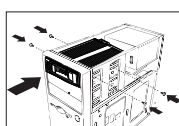
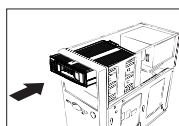
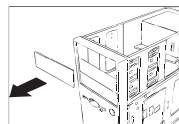


Pull the spring lock to insert the hard drive

Installation

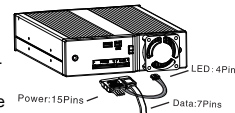
To Install:

1. Remove the cover of an empty drive bay.
2. Smoothly Insert HDD-ROM into the bay and push it inward until the HDD-ROM's screw hole is aligned with the hole of the bay.
3. Make sure the HDD-ROM is packed with screws. Use 2 screws on each side to securely hold the device.



To Connect:

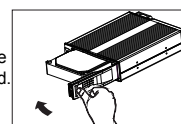
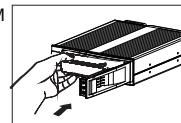
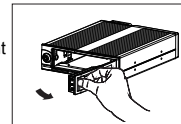
1. Insert the SATA 15P CONN. Into the MRA302 15P conn. connect the big power 4P connector to the PC's 4P power plug, and the small 4P LED wire connector to the 4P LED port at the back of MRA302.
2. Insert one end of the SATA 7P cable to MRA302, another end(7P) to either the mother board or the SATA RAID card.



Installing Hard Drive into HDD-ROM

Guidance:

1. Pull the spring lock to open the front door.
2. Place the hard drive into HDD-ROM with the printed label up-sided, and make sure the hard disk connector is inserted into the HDD-ROM.
3. Place the door to push the hard drive into HDD-ROM until the door is locked.



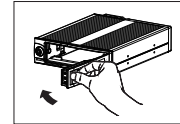
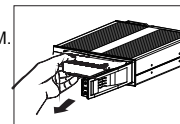
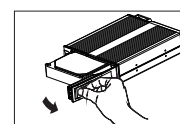
▲ The door will not be closed firmly if HDD is inserted in wrong direction. HDD-ROM will get damaged if the door is closed by force.

- If the inserted HDD has application software, please always switch the computer off before inserting/ ejecting the HDD.
- HDD is a precise device, need to be handled with care. Please read the manual before usage.

Unload Hard Drive from HDD-ROM

Guidance:

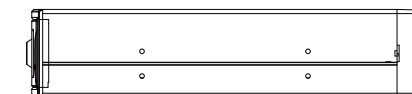
1. Open the HDD-ROM front panel.
▲ While HDD is running, do not eject it.
2. Take the HDD out from HDD-ROM.
▲ HDD may reach the temperature of 50°C, it will not burn hands, but need to be careful.
3. Close the front panel.



- Please do not put anything in the HDD-ROM.
- Always close the front panel to avoid dusts or outer force damage.
- To protect your document from stolen, please always use the lock.

NOTE:

1. If the HDD is inserted in wrong direction and push it inward with force, it would not be connected and may damage the device.
2. Do not eject the HDD while it is busy.
3. HDD may reach the temperature till 50°C, it will not burn hands but need to be aware of the heat.
4. Hold the HDD by the front edge, do not touch the PCB on its bottom side.
5. HDD is a precise and accurate device, need to handle with care. Please read the HDD manual before usage.
6. Please do not put any other things except of 3.5" SATA HDD, in the external enclosure.
7. To avoid HDD ejected by mistake, please always keep the sliding door to be "locked" when your HDD is inside
8. We only provide repair service in the event of directly product malfunction. We are not responsible for damage caused by human error, software, or third party hardware.



74mm

TOOL FREE SCREW-LESS TRAY-LESS

[3.5寸硬盘抽取盒]



支援所有3.5寸硬碟
NSS 专利连接器, 支援五万次热插拔

MRA302 使用说明书

产品规格:

- 适用于所有3.5" SATA 硬碟
- 支援热插拔
- 支援SATA II (3.0Gb/s)
- 产品规格: LW194xD148xH42 (mm)
- 传输界面: L标准SATA界面
- 重量: 502.1g
- 工作温度: 0~55°C

配置要求:

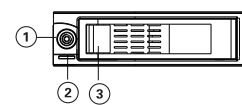
- 操作系统 windows 98/ME/2000/XP/2003 Server or MAC OS v9.0 以上
- 一个闲置的5.25" 机箱空间
缺乏空间HDD-ROM无法安装定位
- 一个闲置的机箱内SATA电源
缺乏电源HDD-ROM无法工作
- 一个闲置的SATA通道
请确认主板上有一个闲置的SATA通道, 并且未被停用

文件包:

MRA302 硬碟盒	1Pcs
SATA连接线	1Pcs
SATA电源线	1Pcs
使用者说明书	1Pcs
螺丝	4Pcs
钥匙	2Pcs

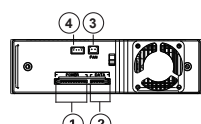
前面板:

1. 锁
2. LED 讯号灯
3. 硬碟抽取开关门



后面板:

1. SATA 电源连接口 (15P)
2. SATA 数据连接口 (7P)
3. 风扇电源接口 (2P)
4. LED显示灯接口 (2P)



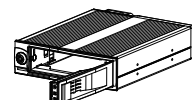
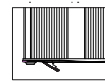
注意: 3和4点连接, 通过小4Pin连接器

锁:

- A: 锁定
- B: 解锁



硬碟抽取开关:

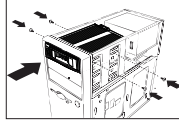
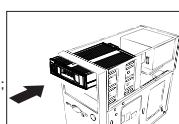
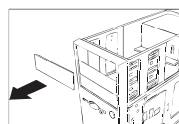


拉开硬碟抽取开关, 即可放入硬碟

安装

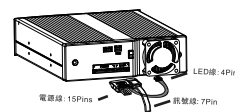
安装步骤:

1. 使用電腦主機5.25吋空槽位
2. 小心插入MRA302 HDD-ROM, 并推动至前面板, 使其螺絲孔位对齐至机箱孔位:
3. 每边使用2个螺絲, 4孔固定; 装置时, 方向需正确, 门锁在左, 门轴在右



连接

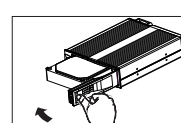
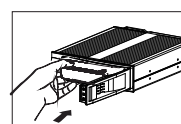
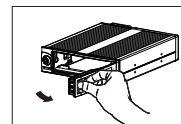
1. 请将SATA 15P端连接至MRA302之15P端口, 大4P电源线与电脑主机电源相接, 小4P LED线连接至MRA302后端之4P LED端.
2. 请将SATA 7P讯号埠一端连接MRA302, 另一端插入主机板讯号埠或者RAID卡上的讯号埠. 如图示:



放置硬碟到HDD-ROM

步骤:

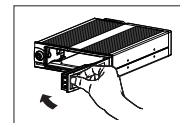
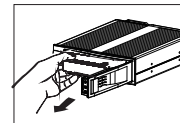
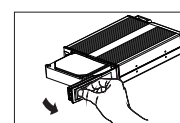
1. 先解锁, 拉开硬碟抽取盒门把手, 打开前门:
▲ 当工作状态禁止卸下硬碟
2. 放入硬碟(注意硬碟标识向上)到MRA302 HDD-ROM, 并确认硬碟连接到MRA302中:
▲ 如果硬碟插入方向错误, 请勿强行关门, 否则将会损害MRA302 HDD-ROM:
3. 关门并推动硬碟到MRA302 HDD-ROM锁好:
▲ 如果作业系统安装在置入HDD-ROM的硬碟中, 只有在关闭电源的情况下, 才可以抽换该硬碟
• 硬碟是精密设备, 要特别注意, 请预先阅读硬碟使用说明书



从HDD-ROM中退出硬碟

步骤:

1. 拉开HDD-ROM开关, 打开前门:
▲ 当工作状态禁止卸下硬碟
2. 从HDD-ROM中取出硬碟:
▲ 硬碟表面温度有可能高达50°C, 虽不会造成烫伤, 但仍要小心; 请接触硬碟的边缘, 不要触摸上面的电路板.
3. 关好HDD-ROM前门:



- 请勿在HDD-ROM内部放置杂物
- 不使用时应将门关好, 避免意外的撞击及灰尘进入内部
- 为了您资料的安全, 防止他人窃取, 请尽量使用防盗锁

注意事项

1. 如果硬碟插入方向错误, 请勿硬關前門, 以免損害產品。
2. 當工作狀態下禁止卸下硬碟。
3. 硬碟表面溫度可能高達50°C, 雖不會對您造成傷害, 但請小心拿取。
4. 請拿取硬碟前緣, 不要觸摸底部的電路板。
5. 硬碟是精密設備, 要特別留意, 請預先閱讀您硬碟本身所附的使用說明書。
6. 除了3.5吋SATA硬碟以外, 請勿在本產品內部放置任何雜物。
7. 為了您資料的安全, 防止他人竊取或誤開面板, 請盡量將門把手上的鎖保持在“關”的位置。
8. 對於本產品故障問題, 本公司僅提供維修服務, 但不承擔因人為操作錯誤或對其他軟硬體的損害、資料遺失等責任。

