

OWCMRP4B8U2

Quick Installation Guide

Index

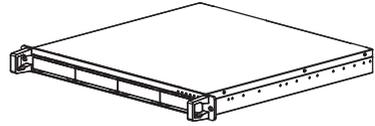
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Check Package Contents and Accessories

OWCMRP4B8U2 system includes the following:

Item	Quantity
OWCMRP4B8U2	1
Removable Carrier	4
1394b cable	2
USB2.0 cable	2
Quick Installation Guide	1
Power cable	1
Accessories bag	1

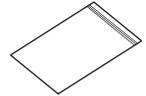
(including 24 x 6#-32 screws and Key x 2)



OWCMRP4B8U2



Removable Carrier



Accessories bag



Power cable



USB2.0 cable

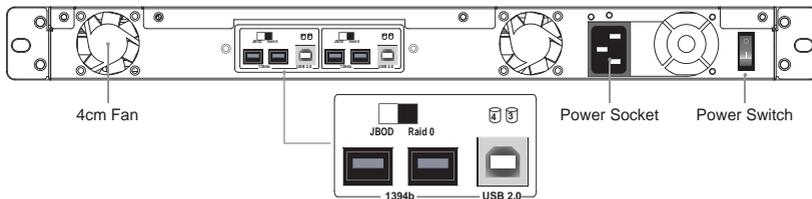
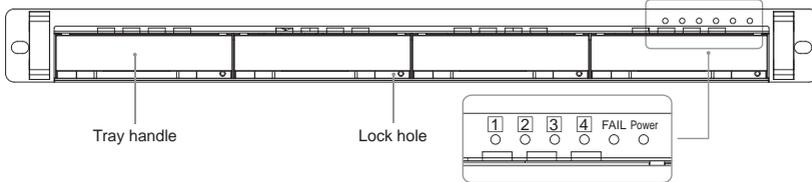


1394b cable



Please check above parts are included prior to installation. The accessories bag contains screws and a plastic key.

Hardware Introduction



Status Indications of LEDs:

- ☀ If you install hard disk to the tray ,the HDD Access LED light is yellow, or not it is empty.
- ☀ HDD Access LED will flash yellow when the data is accessed from the hard disk drive.
- ☀ Power LED will light blue if the power is on.
- ☀ Fail LED will light red when the internal temperature is higher than 60°C or the fan fails, or hard disk fails in RAID 0 mode .
- ☀ If you have not install 4 hard disks in JBOD mode, the Fail LED light will be red, but it is normal condition.



Precautions prior to Installation

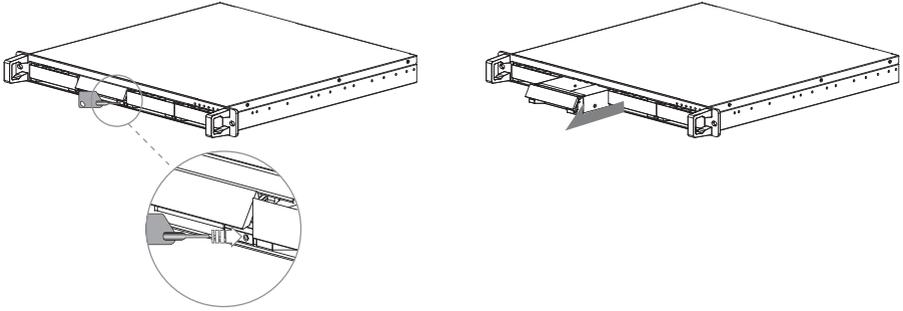
1. Before installation, please refer to the **Check Package Contents and Accessories** and ensure necessary parts are fully provided. Contact the original distributor in case of any missing or damaged item.
2. Please use the power cord that comes with the package to connect the power supply. Do not disassemble or modify the device without authorization. Be sure to use 100-240V, 60Hz, power supply. Any unauthorized disassembly or modification may cause damage to the electronic parts and deprive you of the benefit under the warranty. OWC is not liable and responsible for any damage due to unauthorized disassembly or modification, if such unauthorized disassembly or modification results in data damage or loss, or causes the operating system unable to start.
3. Please carefully go through the **Quick Installation Guide** and back up your data on the hard disk drive before installation or use the newly purchased hard disk drive to avoid data loss in case of inadvertent operation. OWC is not reliable and responsible for any data damage due to inadvertent operation, if such inadvertent operation results in data damage or loss, or causes the operating system unable to start.
4. **Hardware Requirements**
 - A. To enhance compatibility and transmission efficiency, please connect to motherboards or external cards supporting USB 2.0 or higher.
 - B. To enhance compatibility and transmission efficiency, please connect to motherboards or external cards supporting 1394b or higher.
5. **OS Software Requirements**

The product is ideal for any operating system compatible with the USB or 1394b interface

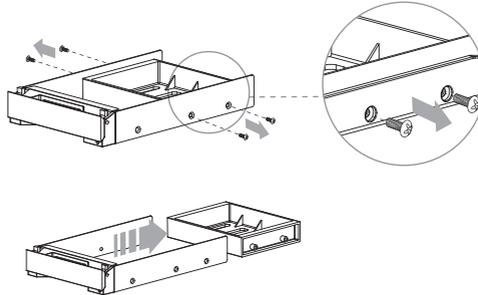
Hardware Installation Procedure

1. After verifying that the package is complete, proceed to unpack the package.
2. Hardware Installation.

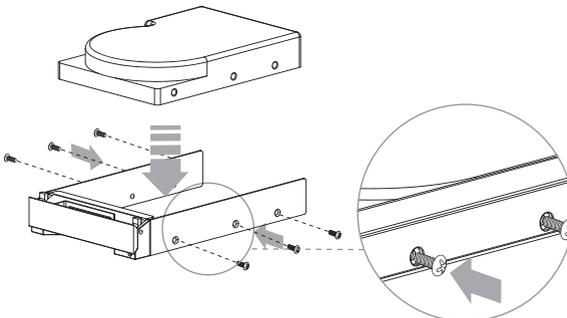
A. Insert the supplied plastic key into the lock hole on the removable tray and carefully remove the tray.



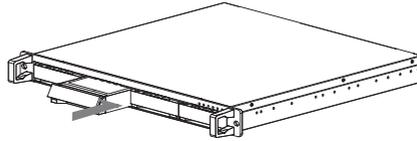
B. Remove the holder from the removable tray with a screwdriver (be careful not to damage the nuts)



C. Mount the hard disk drive and fasten the screws.



D. Carefully push the removable tray into the slot and push the handle back into place.



3. Use Mode and Connection Wiring Descriptions

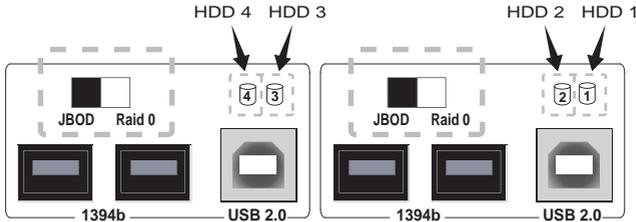
Users must determine which mode to use prior to installation. Once the installation mode is selected, please do not change the mode arbitrarily if possible. Especially when you have already selected RAID 0 mode but change it to JBOD mode later or vice versa, it will cause data damage in the HD.

A. Switch Adjustment Mode Illustrations:

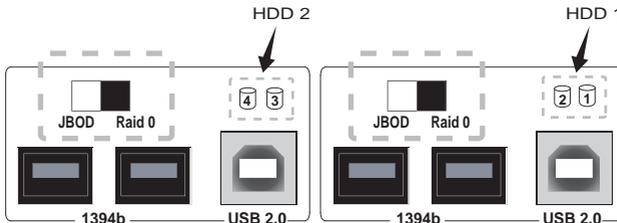
With the machine powered off, you can adjust Switch by selecting any of the following modes from the rear panel of the machine .

a. For 4 Hard Disk Drives Installed

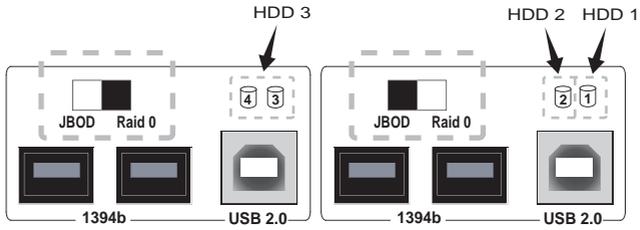
- Two JBOD modes, supporting 4 physical hard disk drives



- Two RAID 0 modes, supporting 2 virtual hard disk drives

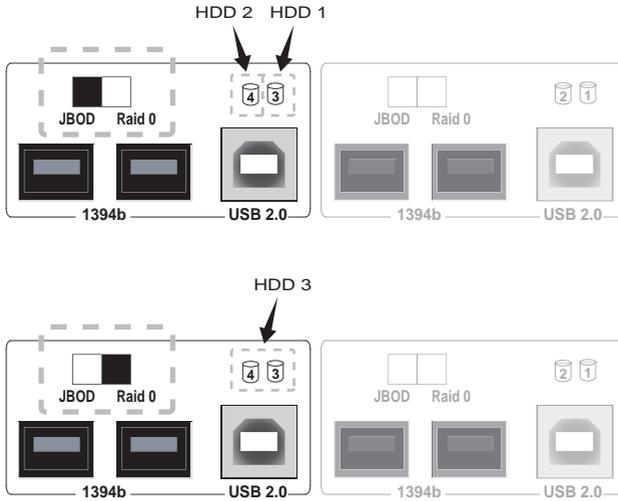


- An RAID 0 mode and a JBOD mode, supporting 3 hard disk drives



a. For 2 Hard Disk Drives Installed

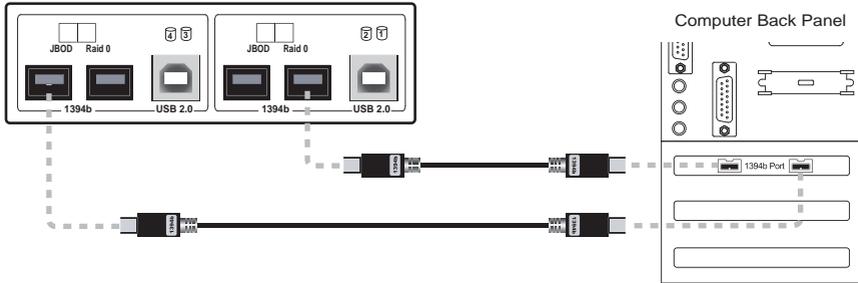
- A JBOD mode, supporting 2 hard disk drives; or an RAID 0 mode, supporting 1 hard disk drive



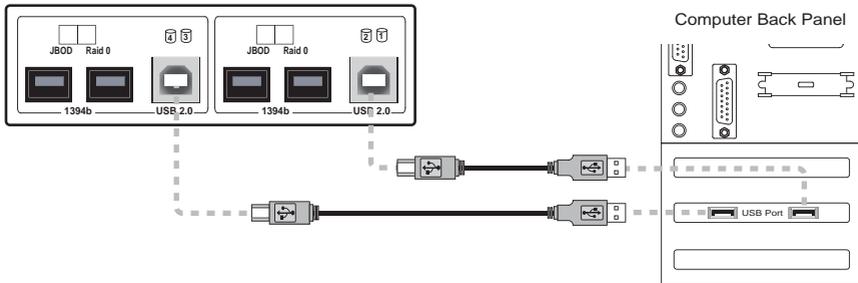
4. Connection Wiring Descriptions and Illustrations:

When the mode for Switch has been selected, you can then install the OWCMP4B8U2 with the following connection wiring methods. It is recommended you use 1394b cables to connect to the computer for better performance.

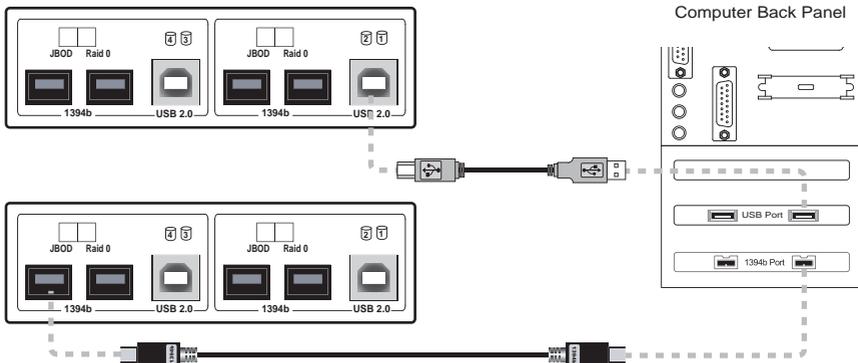
A. Connect two 1394b cables to the interfaces of the computer (most recommended installation method).



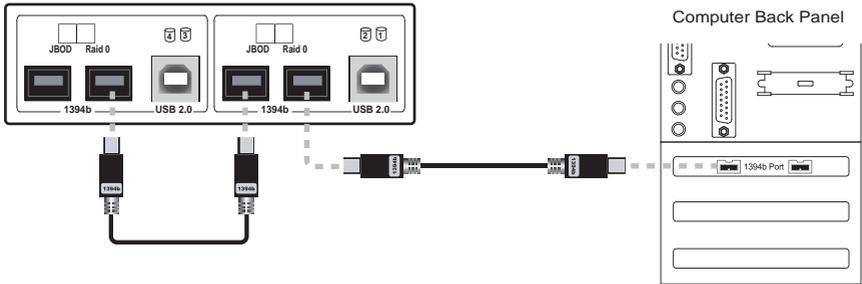
B. Connect two USB cables to the interfaces of the computer.



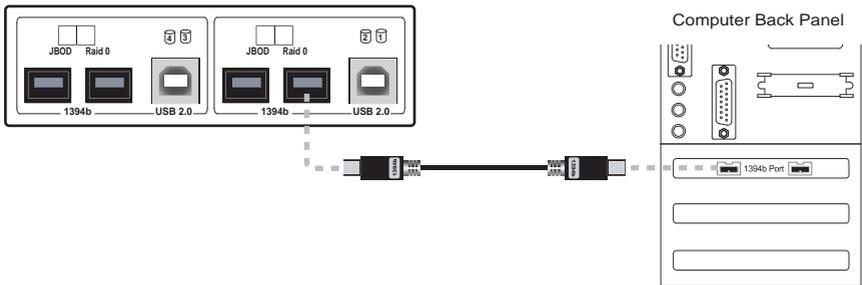
C. Connect to the interfaces of the computer with a 1394b cable and a USB cable.



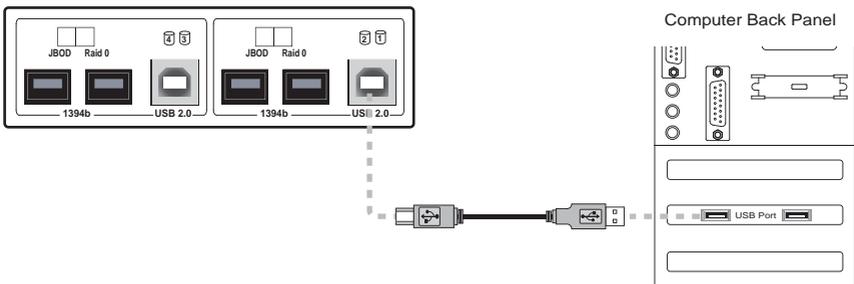
D. Connect a 1394b cable to the interface of the computer and connect another 1394b cable serially to the rear panel of the OWCMRP4B8U2. (The method is recommended if there is only a 1394b interface of your motherboard.)



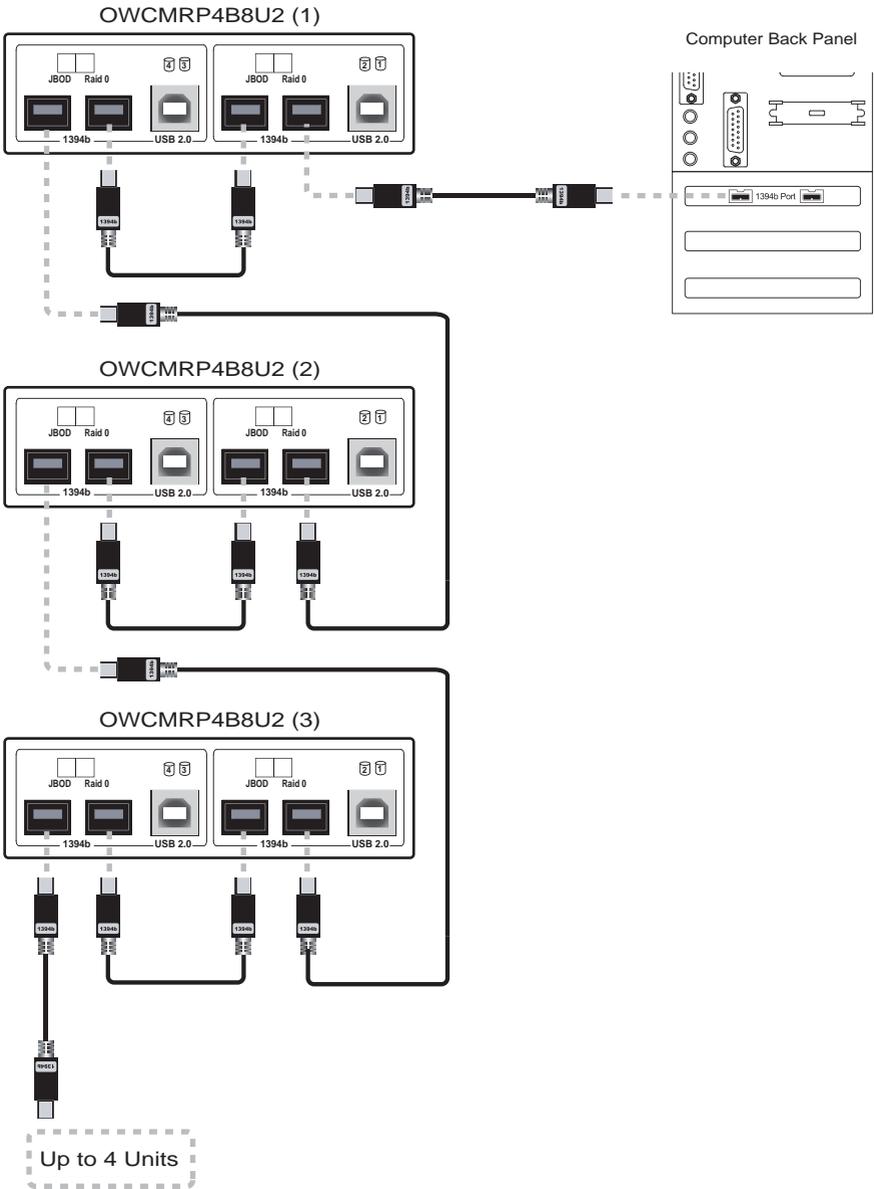
E. Connect a 1394b cable only to the interface of the computer.



F. Connect a USB cable only to the interface of the computer.



G. Two OWCMPR4B8U2 units serially connected each other

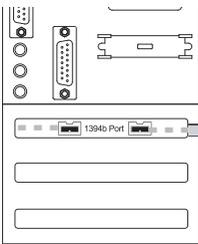


After selecting a desired installation method as stated above, first power of the OWCMPR4B8U2, wait until the OWCMPR4B8U2 operates normally, and then turn on your PC.

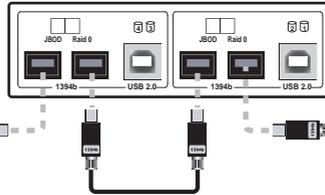
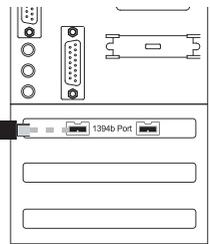
5. Never use any of the following methods for serial connection

- A. In different modes, do not connect two 1394b cables or USB cables on an OWCMRP4B8U2 to different PCs and then serially connect to two 1394b interfaces of the OWCMRP4B8U2 with a 1394b cable. This will make the OWCMRP4B8U2 unavailable for use and may mess up the data on the hard disk drives of the two PCs.

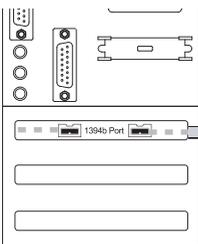
Computer Back Panel (1)



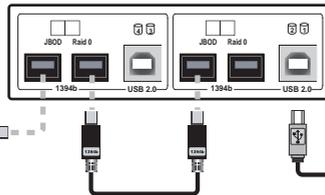
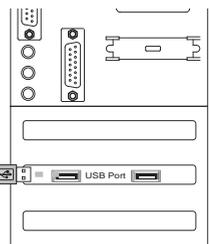
Computer Back Panel (2)



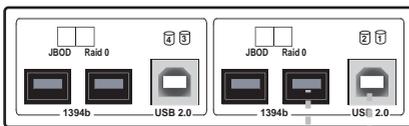
Computer Back Panel (1)



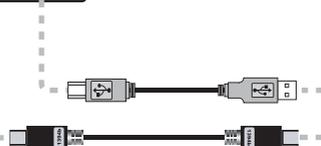
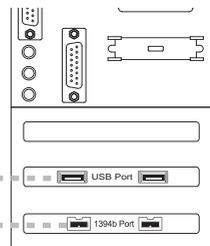
Computer Back Panel (2)



- B. Be sure not to connect the 1394b interface and USB interface of an OWCMRP4B8U2 to the same motherboard simultaneously while using the same connection interface.



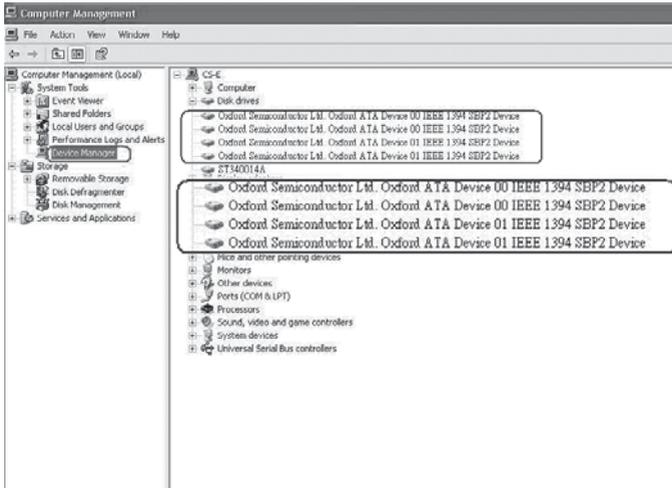
Computer Back Panel



Hard Disk Drive Format Procedure

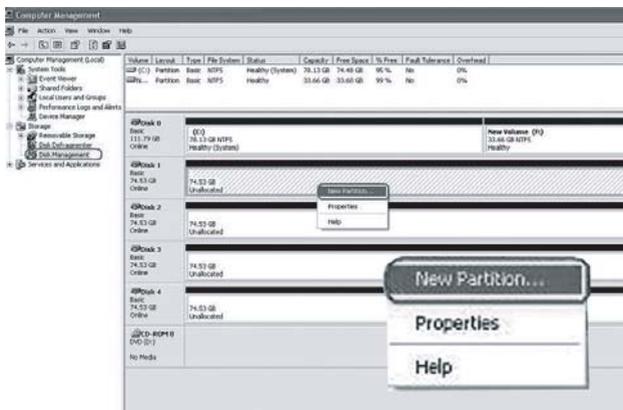
1. In the four individual Hard Disk Drives modes, the installed devices can be detected by the Device Manager of the operating system.

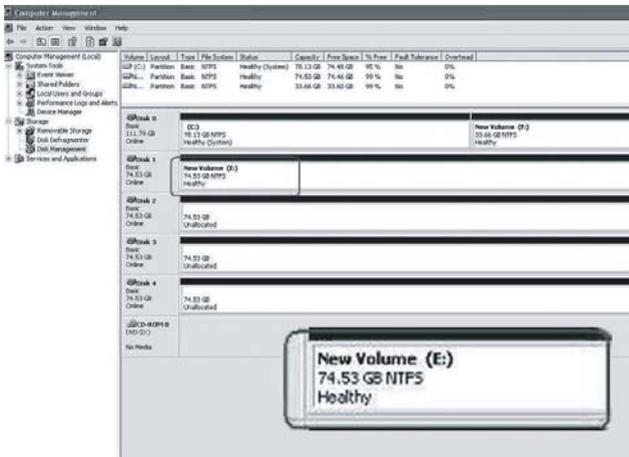
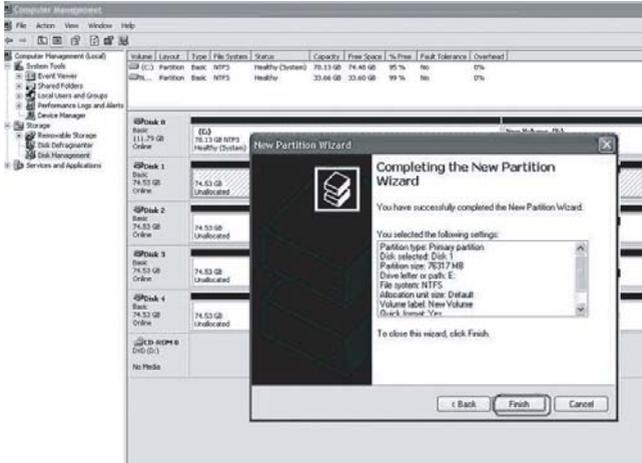
A. Windows Operating System – 1394b Interface Connection – JBOD Mode



2. Customers can format the hard disk drive by using the Disk Management tool of the operating system and then using the OWCMRP4B8U2 normally.

A. Operating Instructions for Windows OS



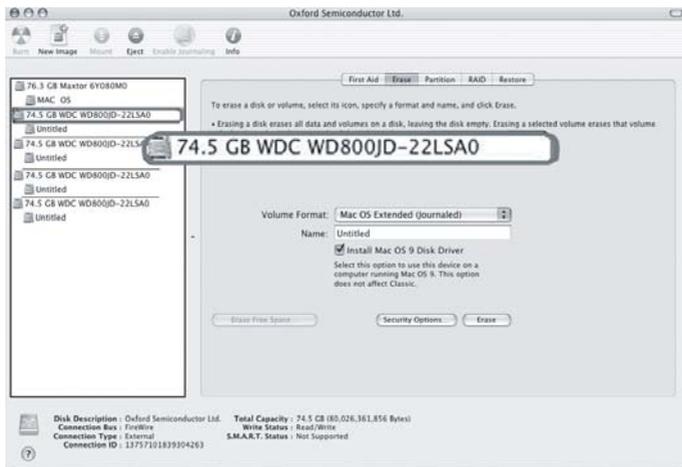


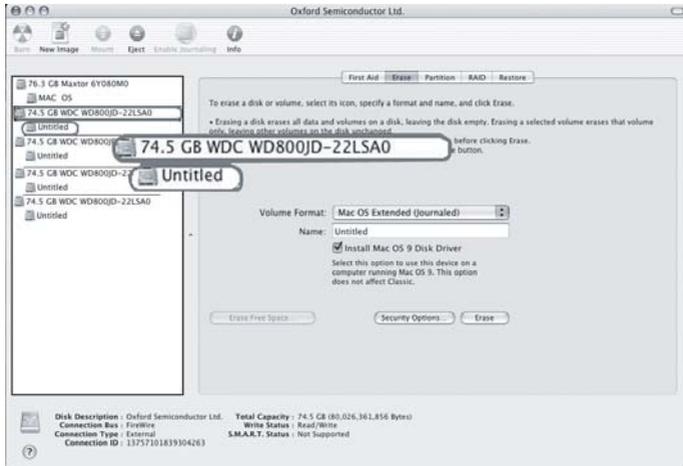
B. Operating Instructions for Macintosh

After the hardware installation for the OWCMRP4B8U2 is completed, you can restart the system and connect the device to Macintosh.

Hard Disk Drive Format (same as in the Windows format function)

- Move the cursor to the Toolbar on the Desktop, and select the Disk Utility. A disk tool window will pop up with several function tabs, such as First Aid, Erase, Partition, RAID and Reinstall.
- Select the Erase tab. If the disk device is ready, the disk information will be displayed on the left window.
- To erase all data and volumes on a disk, please select the icon for the disk drive and a Volume Format and enter a name and then click "Erase". A dialog will pop up with the following message, "Erasing a disk will destroy all information on the volume of the disk. Are you sure you wish to erase the disk 'XXX'? Cancel or Erase" If you wish to erase, please click "Erase". After the disk is formatted, you can use the OWCMRP4B8U2 normally. Please refer to the figure for instructions.

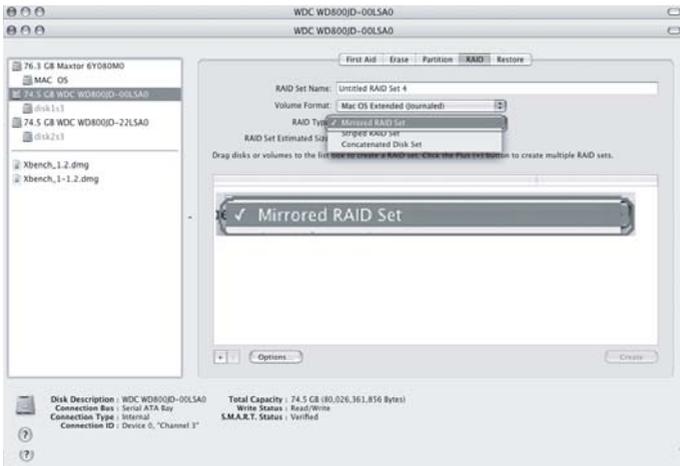
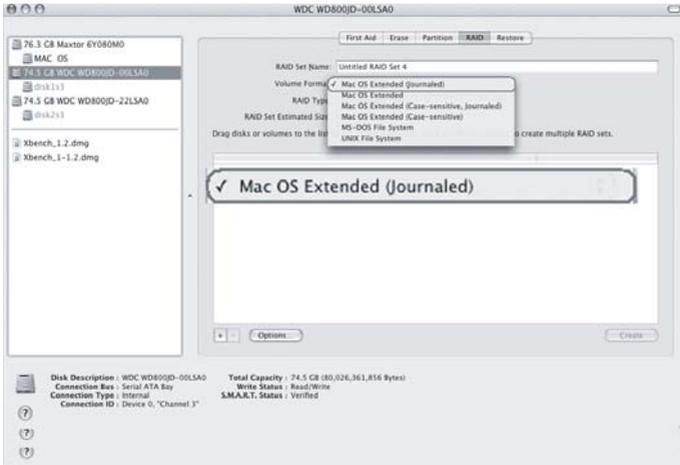




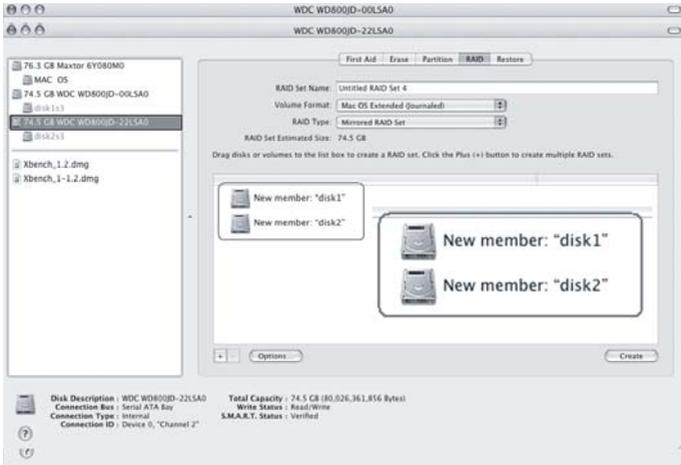
C.Partition

Select the disk you wish to partition and the Partition tab. Click the volume name displayed in the structure and select a Volume Format and enter a name and size. A dialog will pop up with the following message, "Partitioning a disk will destroy all information on the volume of the disk. Are you sure you wish to partition the disk 'XXXXXXX'? Cancel or Erase" Please click "Partition". After the disk is successfully partitioned, you can use the OWCMRP4B8U2 normally.

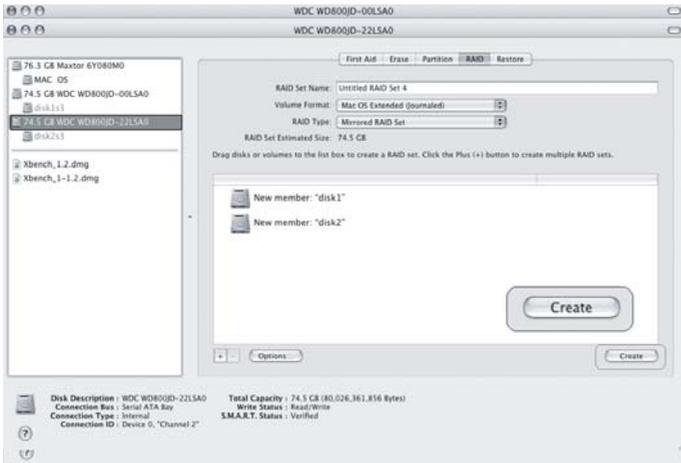
B. Select the RAID tab. If the disk device is ready, the disk information will be displayed on the left window. Please select the Volume Format and the RAID Type you wish to create. Please decide the RAID Type that you create by the amount of external hard drive disks.

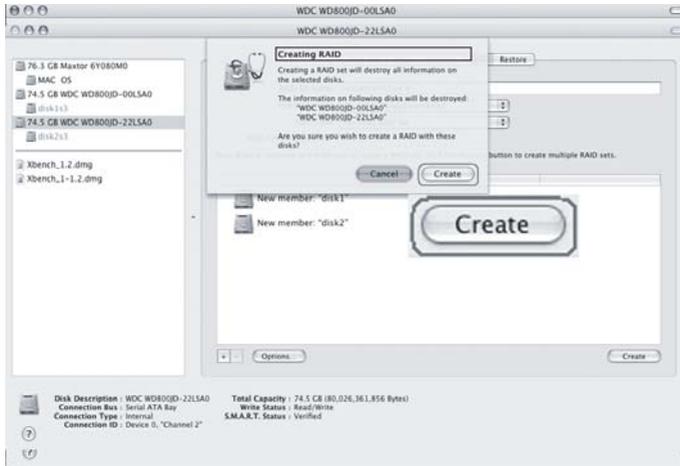


C. Drag disks or volumes to the list box to create the hard disk drives according to the definition of RAID.



D. Select "Create" to create RAID systems according to the information in the window, as shown in the figure.





E. When the format is completed, you will have a highly efficient RAID system featured with OWCMPRP4B8U2. You can then access the data through the RAID system, as shown in the figure.

