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## 2.5" Dual Bay RAID HDD External Enclosure – TERA ME-280J



The cute TERA ME-280J, is compact and palm-sized 2 bay RAID external enclosure. Designed for 2.5 inches drive, ME-280J supports 9.5~12.5mm height SATA drives with tool-free installation.

Connecting by USB or eSATA to PC, TERA ME-280J is your smart data backup/security server by using its different function such like Individual/JBOD/RAID 0/RAID 1.

2.5" drives works quietly with less power consumption and ideal for space-conscious users. The high class mirror panel with cool blue LED is also a fancy style. The aluminum casing gives rigid

### Application of TERA ME280J :

- Home or office data backup/redundancy
- Big volume data storage demand
- Add-on data/media files to laptop or desktop
- Personal external USB or eSATA dual bay storage



### Features of TERA ME280J :

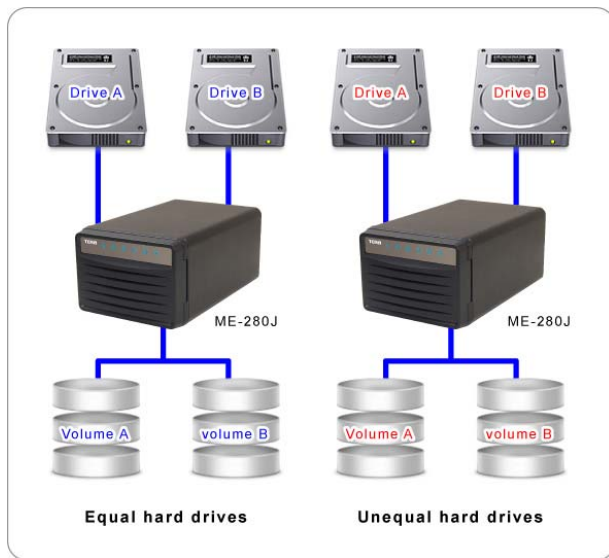
- Fits both 9.5mm and 12.5mm height 2.5" SATA drive
- Tool-free HDD installation , no screws or screwdriver needed
- Connection speed , USB2.0 up to 480Mbps and eSATA up to 3GB/s
- Embedded one buzzer alarm while system mirror failing.
- Aluminum rigid casing with superior heat dissipation capabilities
- Low power consumption, noiseless operation
- Mirror panel with blue LED function indication
- RAID 0 (FAST), RAID 1 (SAFE), JBOD and Individual mode
- Compatible for both Windows and Mac

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## About Supported RAID Mode of ME280J :

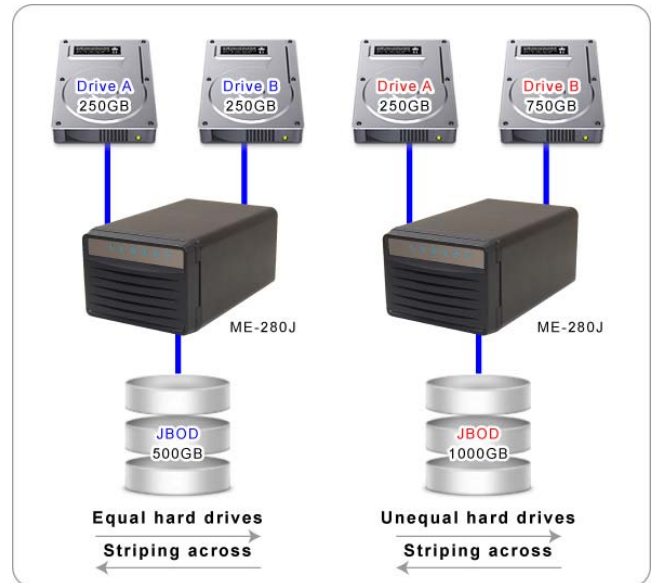
**Individual Mode :** Non-RAID , There will be only independent drives. This is the default setting of ME280J. No matter one hard drive or two hard drives are installed. (Port Multiplier function)

**Note:** The failure of one disk will not affect the other disk. Therefore, the data of the working drive will be intact as it is.



**JBOD MODE :** The two physical drives are combined as one large single volume which is offering maximum capacity (from the available capacities of each disk)

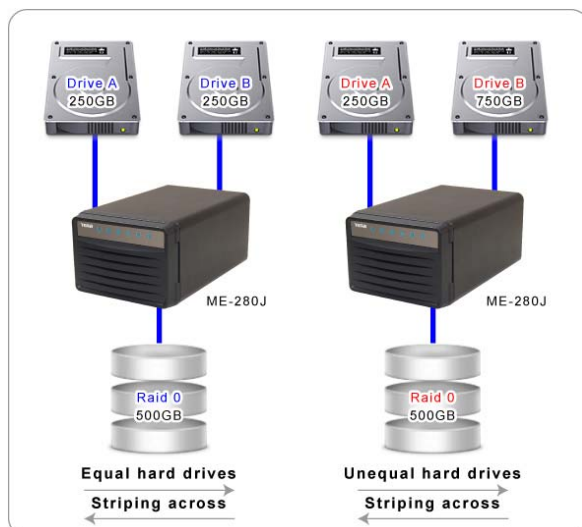
**Note:** If 1 physical disk fails, the data on both disks will be inaccessible. If the data security is the most concern, RAID 1 is recommended.



**RAID 0 MODE (FAST) :** 2 physical drives are striped as 1 larger logical volume , RAID 0 offers the maximum possible capacity like in JBOD mode with greater speed than JBOD mode (each disk runs faster to a certain level).

**Note :** If 1 drive fails, the data on both disks will become inaccessible.

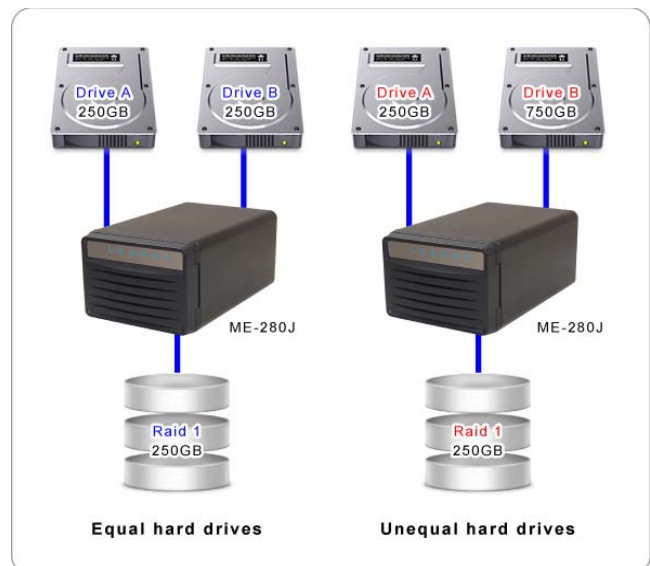
**Note :** When installing 2 unequal drive, the capacity is double of the smaller drive.



**RAID 1 MODE (SAFE) :** RAID 1 is the automated process of writing data to multiple drives simultaneously. It is used to provide redundancy. If one drive fails, the redundant drive(s) will rebuild the data. The failed drive can then be replaced and the drive set can be re-mirrored.

**Note:** When installing 2 equal drives, the capacity is equal to one of the two drives.

**Note:** When installing 2 unequal drives, the capacity is the smaller one.



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## Specification :

Item Number	TERA series – ME-280J
Host Interface	1 x USB2.0 and 1 x eSATA (Port Multiplier)
Drive Type	2 x 2.5" SATA I / II (compliant with 9.5mm ~ 12.5mm height)
Chipset	JMB352
Transmission Rate	Up to 480Mb/s via USB2.0 Up to 3Gb/s via eSATA
File System	FAT16/32 , NTFS
RAID Modes	RAID 1, RAID 0 , JBOD , Individual
RAID Setting	Set by Software / Hardware
System Alarm	One warning buzzer inside while system mirror failing
Casing Structure	Aluminum & Plastic
Cooling	Aluminum body heat dissipation
LED Icon	Graphic LED Indication
Software Application	Backup software for Windows OS only at USB mode
OS Requirement	Windows 2000/XP/VISTA / 7; Mac OS 10.x or higher
External Power Adapter	AC Input : 100~240V , DC Output : 12V / 2A
Dimension (L x W x H)	160 x 102 x 74 mm (L x W x H)
Package Content	ME280J Enclosure, USB cable, eSATA cable, power adapter, QIG, CD

## Graphic LED Indication :

Device Power	Blue LED blinking for always
HDD 1 R/W Access	Blue LED flashing
HDD 2 R/W Access	Blue LED flashing
JBOD Mode	Blue LED blinking for always
RAID 1 Mode	Blue LED blinking for always