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Mini External RAID System - 2.5" Dual



Individual Mode / Non-RAID - There will be only independent drives. This is the default setting of IDE-2801. 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 large 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 drives, 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.

