IB-RD2253-U31
External RAID system for 2x 2.5" SATA I/II/III SSD/HDD

Key features
- External RAID system for 2x 2.5" SATA I/II/III SSD/HDD
- USB 3.1 (Gen 2) host interface up to 10 Gbit/s
- Very fast data transfer under RAID 0 mode.
- Up to 780 MB/s or more!
- HDD capacity unlimited
- Supported RAID level: RAID 0, 1, SINGLE, LARGE
- Supports SATA III, 6 Gbit/s and UASP
- Silent operation - fanless!
- Plug & Play and Hot Swap
- LED for power, HDD in use, access and error
- Windows 7 or higher, MAC OS X 10.5 or higher

Pretty Performance Package
Compact and space-saving. Nevertheless, there is enough space for two 2.5" HDDs or SSDs with a height of up to 9.5 mm. A USB 3.1 port provides data transfer rates of up to 10 Gbit/s.

Technical data
- **Model**: IB-RD2253-U31
- **Article No.**: 22203
- **EAN code**: 4250078163121
- **Brand**: ICY BOX
- **Article text**: External RAID system for 2x 2.5" SATA I/II/III SSD/HDD
- **Colour**: Black
- **Material**: Aluminium/Plastic
- **HDD interface**: 2x 2.5" SATA I/II/III
- **HDD capacity**: Unlimited
- **HDD height**: Up to 9.5 mm
- **Hot Swap**: Yes
- **Plug & Play**: Yes
- **External data interface**: USB 3.1 (Gen 2) Type-B with UASP support
- **RAID Level**: RAID 0, 1, SINGLE, LARGE
- **Chipset**: ASM1352R, USB 3.1 (Gen 2) Dual SATA Bridge Controller
- **LED**: Power, HDD in use, access and error
- **Transfer rate**: USB 3.1 up to 10 Gbit/s
- **Up to 780 MB/s or more (under RAID 0 mode with SSDs, depending on hardware)**
- **Power button**: Yes
- **Auto rebuilding**: Yes
- **Operating system**: Windows 7 or higher, MAC OS X 10.5 or higher
- **Power connector**: External wall power supply, Input: AC 100~240 V, 0.3 A; Output: 5 V / 1.5 A, 7.5 W
Description for RAID modes of IB-RD2253-U31

LARGE
LARGE concatenates multiple hard drives as a single large volume; resulting in a seamless expansion of virtual volumes beyond the physical limitations of separately connected hard drives. The data are written from HDD1 to HDD2.

RAID
RAID 0 is a method of concatenating multiple hard drives into one logical storage unit. It is the automated process of writing data across multiple drives simultaneously. Striping is used to increase the performance of disk reads. The multiple hard drives will write data in "column" effect. If one drive in a stripe set fails, all of the data in the stripe set is lost.

RAID 1
RAID 1 is the automated process of writing data to multiple drives simultaneously. RAID 1 is used to provide redundancy. If one drive fails, the redundant drive will continue to store the data and provide access to it. The failed drive can then be replaced and the drive set can be rebuilt.

SINGLE
Hard drives are handled independently as separate logical volumes where files are stored.

Logistical data

Packing content
1x RD2253-U31, 1x external wall power supply, 1x USB 3.1 (Gen 2) cable (Type-B to Type-A), 1x screwdriver, 1x set of screws, 1x manual

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<th>Packing unit:</th>
<th>20 pcs./carton</th>
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<tr>
<td>Total weight:</td>
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