ComX Computers
Product Specification Sheet

MR-i902R

Icy Dock ToughArmor RAID MB902SPR-B 2 x 2.5" SATA HDD/SSD Removable RAID 1 Drive Enclosure for 5.25" Bay

Product Overview

iCYDOCK ToughArmor mb902spR-b mobile rack with built-in Raid 1/mirror + advanced RAID status LED indicators, Black - for 2x 2.5" (15mm) SATA6G in 5.25" bay, with latch-lock - ToughArmor heavy duty metal construction, hot-swappable inner tray exchangable



Specifications

Overview:

The ToughArmor RAID MB902SPR-B is a ruggedized full metal dual bay removable drive enclosure that supports 2 x 2.5" SATA hard drive or SSD in a single optical 5.25" drive bay of your computer/workstation system. With the built-in hardware RAID 1 chipset and easy to read RAID status LED indicators, you can conveniently mirror the 2.5" drives for data redundancy without adding a RAID card or RAID monitoring software on the host end. In addition, Central Process Unit (CPU) is normally required to calculate a RAID but, alternatively, by having a RAID chipset on the enclosure, it frees up the CPU overhead and speeds up the whole system. Therefore MB902SPR-B is a perfect removable drive enclosure for mission-critical computer systems that not only make your system work faster but also provides protection against your critical data.

Features:

- Supports 2 x 2.5" SATA HDD/SSD, from 5-15mm height
- Installs into any standard external 1 x 5.25" optical drive bay
- Supports up to 6 Gbps data transfer speed
- Built-In JMS562 hardware RAID 1 mirroring (SAFE) chipset
- Easy to read RAID status LED indicators for drive power, access, fail, and RAID 1 rebuilding process
- Anti-Vibration Technology (AVT) - reduces noise and protects against environmental damage
- EMI Grounding - protects HDDs/SSDs from electrical damage
- Eagle-hook tray latch securely holds the tray inside the enclosure
- Ruggedized heavy-duty full metal construction with commercially designed for Medical & Military systems, servers, and Industrial PCs
- Industry-leading 3-year warranty
- Complimentary support from professionally trained technical support agents

Built-In RAID 1 (Safe Mode)
With the built-in JMS562 hardware RAID chipset, you can create a 2.5" SSD/HDD RAID 1 array in any system without using a RAID controller card. The ToughArmor RAID MB902SRP-B automatically mirrors two 2.5" SATA HDD/SSD for data redundancy to prevent system downtime caused by a single hard drive failure.

Advanced RAID Status LED Indicators
The ToughArmor RAID MB902SPR-B is equipped with easy to read RAID status LED indicators for users to understand the current drive status without using a RAID monitoring software. However, if your application requires using a RAID monitoring software, it is available to download and install on Windows/Mac computers.

Removable Drive Trays
The MB902SPR-B features full metal removable EZ-Slide drive trays found throughout the ToughArmor Series, allowing users to install or remove 5-15mm height drives without opening the computer case or powering off the computer.

EMI Grounding
Making sure your drives are properly grounded is important, especially through many drive swaps. Without it, there is a high possibility that there may be static shocks that could damage your drives or may result in losing your important data. Our EMI grounding technology ensures a stable and safe environment for the HDD/SSD used, which improves reliability.

Safe and Secure
Ruggedized full metal chassis and trays ensure maximum drive security and further aids in drive heat dissipation. A built-in anti-vibration mechanism helps to reduce noise and protects against environmental damage.

Packed with Features
Large ventilation holes are placed around the enclosure to work alongside your computer's cooling system to keep the drives operating at optimal temperatures. The ToughArmor MB902SPR-B supports SATA 7 pin data and 15 pin power cables with locking latches, so you will never need to worry about the cables unintentionally disconnecting from the enclosure. Once the cables are connected, they will stay in place.

Make ToughArmor On-The-GO! With MB991U3-1SB
To access your data outside of your system or in a remote location, the ToughArmor MB991U3-1SB is the way to go about. The drive tray slot of MB991U3-1SB is compatible with a variety of ToughArmor drive trays including the ToughArmor MB991, MB992, MB994, MB996 and MB998 series. This allows existing ToughArmor users to access their internal drive externally without opening up the case. It is a great tool for an individual drive diagnostic test. If you need to do a safe data erase or just simply expending system storage capacity, just remove the tray from the internal ToughArmor unit and insert it in the MB991U3-1SB to perform individual tasks externally with USB 3.0 interface. Best of all, the MB991U3-1SB uses USB bus-powered and it does not require a power adapter to operate. Simply connect the USB cable to any system and you are ready to go.

Specifications:

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Specifications	
Product Code	MR-i902R
Model Number	MB902SPR-B
Color	Black
Support Drive Size	2 x 2.5" SSD / HDD

Compatible Drive Type	SATA
Number of Drives	2
Max Drive Height	15mm
Drive Bay	1 x external 5.25" drive bay
Host Interface	1 x SATA 7pin
Power Input	1 x 15pin SATA power connector
Transfer Rate	Up to 6G/bs. (Depending on hard drive speed)
Support HDD Capacity	No Limitation
Drive Cooling	Metal heat dispersion
Support Hot-Swap	Yes
RAID Function	RAID 1 (SAFE)
Controller IC	JMicron - JMS562
Structure / Material	Full metal
Dimension (W x H x L)	139.0 x 41.3 x 146.0mm
Product Net Weight	668g
Package Gross Weight	759.9g
Supported Operating System	Windows 10, 8.1, 8, 7 and Vista
RAID 1 Status LED Indicator	RAID 1 configuration is normal: solid green Degraded RAID 1: LED off
Rebuilding Progress LED Indicator	Divide the progress into four stages: Flashing green
HDD Fail LED Indicator	HDD fail: solid red in corresponded device slot
	Double source: solid red in both device slots
	Capacity error: Solid red in the device slot which has smaller capacity drive
Double Source LED Indicator	Double source: solid red
Capacity Error LED Indicator	Capacity error: solid red
Drive Activity LED Indication	Empty bay: LED off
	Drive power: solid green
	HDD fail: solid red
	HDD access: flashing green
Package contents	Device, User Manual, Screws
SATA Connector Insertion Rate	10, 000
Humidity	5%~65% RH
Operating Temperature	0 degreesC to 60 degreesC (32 degreesF to 140 degreesF)
Storage Temperature	-35 degreesC to 70 degreesC (-31 degreesF to 158 degreesF)
Compliance	CE, RoHS, REACH

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MR-i902R-Icy-Dock-ToughArmor-RAID-MB902SPR-B-2-x-2-5-SATA-HDD-SSD-Removable-RAID-p-254449.php

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