

MR-i998+K

iCYDOCK ToughArmor mb998Sk-b mobile rack

Product Overview

iCYDOCK ToughArmor mb998Sk-b mobile rack, Black - for 8x 2.5" (7mm) SATA6G HDD in 5.25" bay, with 8x key-lock for each drive, ideal for up to to raid 0+1/10/5 in limited space, ToughArmor heavy duty metal construction, hot-swappable inner tray, latch lock, 2x 40mm fan - 2x SATA power required



Specifications

Overview:

Not all devices are created equal, and this can be seen with the ToughArmor MB998SK-B which skews the realm of possibilities. It boasts the ability to house an unprecedented 8 x 2.5" SATA drives with 5mm to 7mm height into a single external 5.25" bay, making it the ultimate solution for storage dense applications. Our unique hot-swappable 2.5" EZ Slide Nano trays let you painlessly and quickly swap out drives. Dual 40mm fans keep your drives nice and cool while ventilated openings located on the front and sides maximize airflow. The MB998SK-B features a rugged heavy duty full metal housing which is commercially designed for Medical & Military systems, IPC, enterprise, and industrial settings.

Features:

- Rugged Heavy duty full metal construction with commercially designed for Medical & Military systems, Media servers, and IPCs, approved & used by Tier 1 companies
- Perfect for rugged applications and complies to flammability requirements
- Fits 8 x 5mm to 7mm 2.5" SATA hard drives or SSD's in a single external 5.25" bay for high performance RAID applications
- Dual 40mm fans keep your drives from overheating
- Requires only 2 x 15pin power connectors to power all 8 bays
- Drive label plugs to keep track of your RAID drives
- Anti-Vibration Technology (AVT) - creates a safe environment for hard drives or SSDs
- Active Power Technology (APT) - individual LED & cooling fan only powers up if there is a drive installed in the bay
- Eagle-hook lock system & 2-segment safeguard key lock keeps drive secure within the enclosure
- Removable tray system for easy maintenance
- Supports SATA 6Gbps and hot swap
- Supports SATA and SATA power cables with locking latch design

Countless Options in a Single Bay

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Product Specification Sheet

Utilizing the standard external 5.25" bay form factor, the compact design allows the cage to be used in various applications such as advanced RAID. With the MB998SK-B it's possible to build dual RAID 5 or RAID 10 arrays or use 4 drives in a high performance RAID 0 array plus two RAID 1 arrays for backups. The MB998SK-B is extremely useful for workstations, compact servers, gaming rigs, home servers or HTPC's due to its high capacity and space saving design. It is also perfect for users that need non-RAID JBOD storage to save different content in different drive locations. It supports a wide-range of applications which makes the MB998SK-B invaluable. Using the EZ Slide Nano trays makes drive interchangeability and maintenance completely hassle free. For drive security, the Eagle-hook lock system on the tray makes sure your hard drives will not eject when not needed. The trays are designed to accommodate 5mm to 7mm height hard drive and SSD, creating a 2.5" hot swap bay for any standard SATA hard drives and SSDs.

Heavy-duty

Ensuring the safety of your valuable data is the foundation to any good system build or design. The MB998SK-B is capable of holding up to the most demanding environments with its rugged heavy duty full metal construction in the entirety of the body and its smaller components. The ToughArmor's rugged full metal design is also perfect for industrial and medical devices that may require a flammability rating as the full metal material is considered to be already compliant with flammability requirements. An all metal design also dissipates heat from the hard drives to the backplane cage resulting in cooler drives. Lastly, Anti-Vibration Technology (AVT) and EMI grounding are used to ensure a stable environment for the hard drives or SSD's used, dramatically improving reliability.

Built for Security

The ToughArmor MB998SK-B tray systems uses an individual key lock mechanism for each tray, locking it in place and protecting against accidental ejection or malicious activity. This is useful in high-security zones where additional physical security is required, or in on-the-go environments such as in-vehicle PCs and mobile workstations.

Packed with Features

Bringing more utility your hard drives or SSDs, LED's are installed into the front of the mobile rack to provide individual drive status information at all times. Active Power Technology (APT) allows each LED and the cooling fan to be active only when a hard drive is inserted into the enclosure. When the unit does power up, two 40mm cooling fan placed strategically behind the rear panel provide airflow throughout the entire cage cooling all 8 bays effectively and efficiently. Never forget which drives belong in what bays. With our individual drive ID labels you'll always know which drive tray belongs in your RAID array or which drive contains certain files. Freely unplug and rearrange them to better suit your configuration or simply remove them for a more simplified look. The ToughArmor MB998SK-B supports both 7pin SATA and 15pin SATA power cables with locking latches so you'll never need to worry about cables unintentionally disconnecting from your enclosure. Once these cables are connected, they'll lock into place and stay that way. In order to lower the fan noise, installing the cable allows you to reduce 40% of the original fan's speed for a quieter operation of the unit. To install, unplug the 3-Pin fan connector from the port, then connect it to the fan speed reduction cable.

Specifications:

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Specifications

Product Code	MR-i998+K
Product Name	Full Metal 8 Bay 2.5" SATA HDD & SSD Backplane Cage
Model Number	MB998SK-B
Color	Black
Support Drive Size	2.5" SSD / HDD
Compatible Drive Type	SATA / SAS (Support Single Channel SAS)

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Product Specification Sheet

Number of Drives	8
Max Drive Height	7mm
Drive Bay	1 x external 5.25" drive bay
Host Interface	8 x SATA 7pin
Power Input	2 x 15 pin SATA power connector
Transfer Rate	Up to 6Gbps (Depending on hard drive speed)
Support HDD Capacity	No Limitation
Drive Cooling	2 x 40mm fan
Structure / Material	Full Metal
Support Hot-Swap	Yes
Drive Security	2-segment keylock
Product Dimension (L x W x H)	142.4 x 146 x 41.3 mm
Product Net Weight	885g
Package Gross Weight	976.8g
Drive Activity LED Indication	Drive power: solid green; HDD access: flashing green
Package contents	1 - Device ; 1 - user manual ; 1 - ID Plug ; 42 - screws ; 2 - Fan speed reduction cable; 2 - Lock Keys
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-i998-K-iCYDOCK-ToughArmor-mb998Sk-b-mobile-rack-Buy-p-224266.php>

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