



What is ICY DOCK ToughArmor Series?

It is a rugged backplane hard drive module specially designed to accommodate 2.5" hard drives or SSDs, utilizing the standard external 5.25" bay, 3.5" floppy bay, and slim optical disk drive bay. Our ToughArmor series comes in different models and each model has a different amount of drive bays to help you to create various system builds, without spending extra on a new custom chassis. ToughArmor uses a full metal construction, which is perfect for Industrial, Military and Medical systems that require a certain flammability rating.

Key Product Features

- Drives are fully **removable & hot-swappable**
- **UL listed** (for MB994SP-4S & MB994IPO-3SB)
- Covered by **3 year warranty** with global customer support
- Manufacturer direct support via phone, email, and live chat
- Support **SATA 6Gbps / SAS 3.0 / NVMe** standard (varies by model shown below)
- Support latest 2.5" SSD or HDD from **5mm to 15mm** (varies by model shown below)
- **High density design**, fits up to 8 x 2.5" SSD (5-7mm) in a single 5.25" device bay
- **Approved & used by Tier 1 companies** such as **Hewlett Packard (HP) & General Electric (GE)**
- **Full metal construction** from the inside out, which is perfect for rugged applications and is compliant with **flammability requirements**

Various Applications for ToughArmor Series

Automation, Panel PC, Embedded Systems

Pharmaceutical Automatic Dispensing Machine



**Small 3.5" form factor, full metal with key-lock for maximum drive protection*

Rugged Mobile / Portable Computers

Military, Aerospace, Unmanned System



**Small 3.5" form factor, supports dual drives plus dual locks for the toughest environment*

Desktop PCs & Workstations

Visual Effects Workflow, 8K Editing, Rendering & Simulation



**High density drive carrier for maximizing storage space*

Rugged Rackmount Systems, Industrial PCs

Server, Storage System, Subsystem



**Slim ODD + SSD cage for optimizing storage space*

Small-Form-Factor PCs, Mobile Workstations

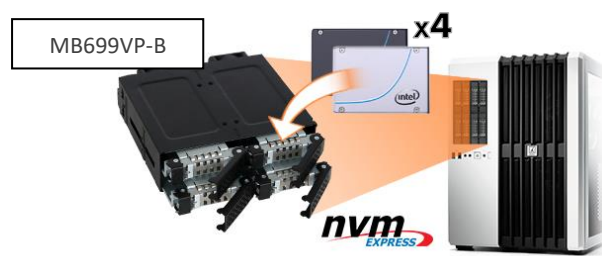
HTPC, Home Server, Gaming Laptop



**SFF ODD to SSD enclosure for space demanding systems*

High Performance Computing

Deep Learning, Big Data, Weather Simulation



**NVMe PCIe enclosure with transfer speed up to 32Gb/s*

ICY DOCK ToughArmor Series (Click the image to open product page)

FITS
5-15mm
SSD/HDD

MB491SKL-B



Thumb Screw
Lock

1x 2.5" SAS/SATA HDD/SSD
Dual locks for extra drive security

FITS
5-9.5mm
SSD/HDD

MB492SKL-B



Thumb Screw
Lock

2x 2.5" SAS/SATA HDD/SSD
Dual locks for extra drive security

FITS
5-9.5mm
SSD/HDD

MB992SKR-B



RAID

2x 2.5" SATA HDD/SSD
Built-in RAID 0, 1, JBOD & BIG

FITS
5-15mm
SSD/HDD

MB991SK-B



1x 2.5" SAS/SATA HDD/SSD
*MB9911K-B - SAS 3.0 version

FITS
5-9.5mm
SSD/HDD

MB992SK-B



2x 2.5" SAS/SATA HDD/SSD

FITS
5-7mm
SSD/HDD

MB993SK-B



3x 2.5" SAS/SATA HDD/SSD

FITS
5-15mm
SSD/HDD

MB601VK-B



nvm EXPRESS

1x 2.5" NVMe U.2 SSD
Up to 32Gb/s transfer speed
Supports 2.5" SAS/SATA HDD

FITS
5-15mm
SSD/HDD

MB991U3-1SB



EXTERNAL

1x 2.5" SATA HDD/SSD to USB 3.0
Universal drive tray slot fits most
ToughArmor drive trays

FOR SLIM ODD BAY

FITS
5-9.5mm
SSD/HDD

MB411SPO-B



SLIM ODD / FDD

1x 2.5" SAS/SATA HDD/SSD
For Slim ODD or FDD Bay (12.7mm height)
*MB411SKO-B - Key-lock version

FITS
5-7mm
SSD/HDD

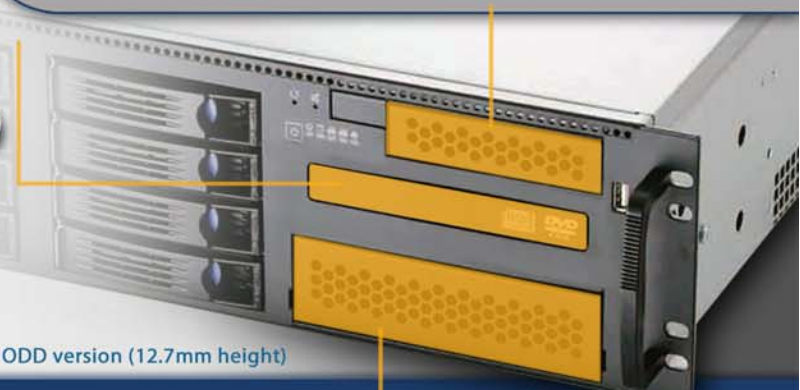
MB411SPO-2B



SLIM ODD

1x 2.5" SATA HDD/SSD
For Ultra Slim ODD Bay (9.5mm height) *MB411SPO-1B - Slim ODD version (12.7mm height)

FOR 3.5" DEVICE BAY



FOR 5.25" DEVICE BAY

MB994IPO-3SB

FITS
5-15mm
SSD/HDD



2x 2.5" SAS/SATA HDD/SSD
1x SATA Slim Optical Disk Drive (12.7mm height)

MB994SP-4S

FITS
5-15mm
SSD/HDD



4x 2.5" SAS/SATA Drives
*MB994SP-4SB-1 - Fan on/off control
*MB994SK-1B - Key-lock version

MB996SP-6SB

FITS
5-9.5mm
SSD/HDD



6x 2.5" SATA HDD/SSD
Fan Speed Control - Hi/Low/Off

AVAGO TECHNOLOGIES CERTIFIED

Mini-SAS HD

MB998IP-B

FITS
5-7mm
SSD/HDD



8x 2.5" SATA HDD/SSD
Dual Cooling Fan Design
*MB998SP-B - SATA version

AVAGO TECHNOLOGIES CERTIFIED

MB699VP-B

FITS
5-15mm
U.2 SSD



nvm EXPRESS

4x 2.5" NVMe U.2 SSD
Up to 32Gb/s Transfer Speed

Mini-SAS HD

MB516SP-B

FITS
5-7mm
SSD/HDD



16x 2.5" SAS/SATA HDD/SSD
Large 80mm cooling fan with fan speed control

In partnership with

