

BPU-124V2-SS Mobile Backplane HDD Cage

User's Manual



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Specification:

Hot Swap	4x2.5" HDD
Cooling Fan	2x40mm
Standard Drive Bays	5.25" Drive: 1
Dimension (W x H x D)	5.75 x 1.65 x 6.81 inches
Material	Aluminum Body
HDD Interface	2.5 SATAI/II/III / SAS I/II
Weight	1.8 lbs
Connector	Standard 15-pin power and 7-pin Data
Indicators	Power On: blue, HD Access: blue/red blinking

Order Information:

Model Number:	Color:	UPC Code:
BPU-124V2-SS	Black	846813000017

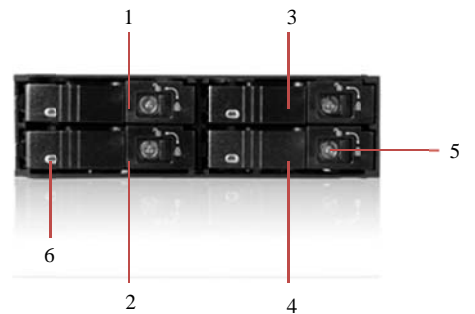
Introduction:

High level Raid and high availability storage in a compact design, the BPU-124V2-SS adds extra storage and hot-swap capability to satisfy any application needs. The BPU-124V2-SS is constructed of light weight and durable aluminum material with two cooling fans to ensure best heat dissipation required for high performance 2.5" laptop SAS/SATA drives. It is designed with excellent front to back vent airflow. Hard drives can also be removed or added to the system without turning off your system power or restarting your computer. The BPU-124V2-SS is an ideal solution for RAID and JBOD applications.

Features:

- Frame: Aluminum Construction
- Interface: Support SAS, SATA-I, SATA-II, SATA-III
- Form Factor: 1 x 5.25" Bay for 4 x 2.5" SAS or SATA Hard Drive(SSD)
- High performance transfer rate up to SAS & SATA 6Gb/s
- Support RAID Function (Note: extra SAS or SATA RAID control card needed)
- Plug & play, hot swappable
- Support 2.5" single hard drive up to 15mm thickness in height
- With 4Pin Power connector and 7Pin Signal connector
- Built-in 2 X 4cm(4020) cooling fan and the with mechanical lock on the front tray
- LED for Power & HDD access

Hardware Information: Front View

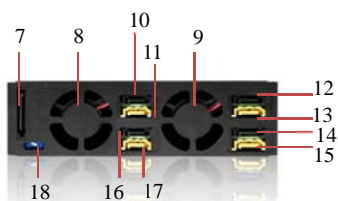


Picture A

A1: to A4: HDD Tray
A 5: Tray locks
A 6: Blue color: HDD power ON
 Blinking in blue/red color: HDD being accessed.

Hardware Information: Rear View

BPU-124V2-SS



Picture B

B7: 15pin SATA power connector

B8 & B9: 40mm Cooling Fan

B10, B12, B14, B16: Primary Channel (black) → for SATA or SAS HDD data ports

B11, B13, B15, B17: Secondary Channel (yellow) → for SAS HDD data ports & advanced users.

*Note for Connections:

- For SATA HDDs, they are supported by Primary ports (B10, B12, B14, and B16) only.
- For SAS HDDs, they are supported by both Primary & Secondary channels.
- Dual channel SAS control card or two systems (PC) are needed if both primary & secondary ports need to be used simultaneously.

B18: HDD LED Switch Indication description:

a) When it is set to “X” Position, the front LED does NOT blink while HDD is being accessed.

In this case, the hard drives will spin up when the system power is turned on.

b) When it is set to “O” position, front LED blinking in blue/red while the HDD is being accessed.

In this case, the HDD will not spin up until the SATA initial signal is received.

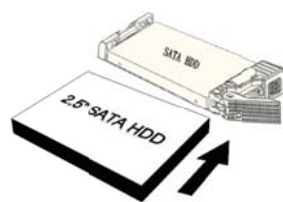
(c) The default setting for **B18** (HDD LED Switch) is to “O” position (HDD LED Enable).

HDD Installation:

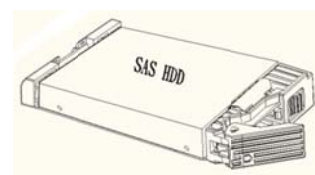
A. For 2.5” SATA HDD (SSD):

Put HDD onto the tray as shown on Picture C-1 and use the provided screws to secure HDD on the tray one by one.

B. For 2.5” SAS HDD or HDD’s thickness is more than 10.5mm: Loose the cover-mounting screw and remove the top cover. Mount the SAS HDD or the thick HDD on the open tray.
(Note: after SAS HDD installed, do not put on the top cover (see Picture C-2.) put the top cover in a safe place, in case you need it next time.)



Picture C-1



Security Lock

The Lockable Design keeps the HDDs staying inside the unit and prevents HDDs being taken out while they are running.

Accessories:

- 1 manual
- 2 keys
- 4 SATA cables
- Necessary screws



iStarUSAcare:



We will help you navigate our website to find the information that you need. Go to www.istarusa.com, and click on live chat bubble above the Search Bar.



Our technicians are standing by to take your questions. Visit <http://istarusa.com/support/>, and you will receive a technical support ticket to help track your requests from the beginning to the end. Or you can contact us @ 888-989-1189.

FCC and CE Radiation Norm

FCC

This equipment has been tested and found to comply with limits for Class B digital device pursuant to Part 15 of Federal Communications Commission (FCC) rules.

CE

This equipment has been tested and found to comply with the limits of the European Council Directive on the approximation of the law of the member states relating to electromagnetic compatibility (89/336/EEC) according to EN 55022 Class B.

FCC and CE Compliance Statement

These limits are designed to provide reasonable protection against frequency interference in residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed or used in accordance with the instructions may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, increase the separation between the equipment and the receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected to.

CAUTION!

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for the compliance could void the user’s authority to operate the equipment.