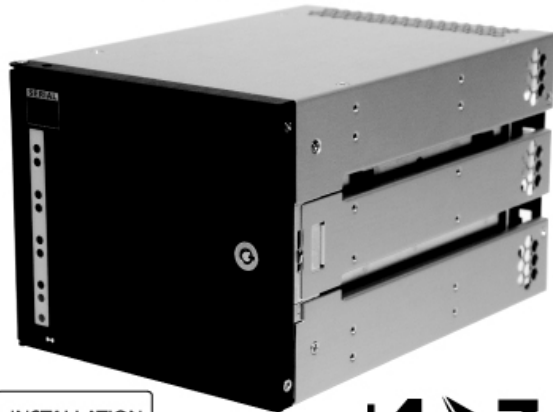




MB018 SKF Multi-Bay Backplane Module



INSTALLATION
GUIDE

4 **3**
3.5" HDD 5.25" SPACE

• Hard Drive Installation



Fig.1

1. Unlock the front door by inserting the key provided, turning the key counter clockwise. Pull to open the front door. (Fig.1 - Fig.2)



Fig.2



Fig.3

2. Remove the HDD carrier away from the body. (Fig.3)



Fig.4

3. Use the miniature key and insert into the key hole to eject handle. (Fig.4)



Fig.5

4. Pull the handle outwards to remove the carrier away from the body. Remove the carrier support away. (Fig.5)



Fig.6

5. Secure the HDD to the carrier using the four 6#-32 screws provided. (Fig.6)



Fig.7

6. Insert the carrier along with HDD into body. Match the two sides of carrier to the anti-shock rails located (Fig.8)



Fig.8

7. Keep the handle angled from the carrier, then slide the carrier along the anti-shock rails and into the body until fully inserted. (Fig.8)



Fig.9

8. Push the handle towards the carrier until "click" to completely secure the position of carrier. (Fig.9)

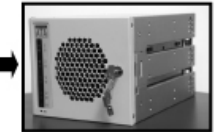


Fig.10

9. Close the front door and lock the key lock by turning the key lockwise to complete HDD installation. (Fig.10)

Once any further requirement about product application or more related product information, please access to: www.icydock.com.

• Content Description



• Hard drive enclosure unit



• Installation Guide



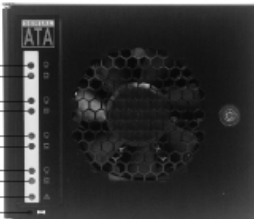
• HDD Access Cable x 4pcs



• Accessory bag
6#32 Flat Head screw x 16pcs
M3 x 10 Truss Head screw x 12pcs
Key x 2 pcs
Miniature key x 2pcs

• Front Panel Descriptions

- HDD1 Power1 LED
- HDD1 Access1 LED
- HDD2 Power2 LED
- HDD2 Access2 LED
- HDD3 Power3 LED
- HDD3 Access3 LED
- HDD4 Power4 LED
- HDD4 Access4 LED
- Failure Indicator
- Reset Switch



• Failure indicators description

- 3-1 when inserting DC power cable, it is on "power on" condition.
- 3-2 When installing HDD1, HDD2, HDD3, HDD4 individually, it individually, it indicates green color of power1, power2, power3, power4.
- 3-3 When HDD1, HDD2, HDD3, HDD4 is accessing individually, the Amber indicator is flashing of Access1, Access2, Access3, Access4.

- 3-4 When housing temperature exceeds the original temperature setting, the Failure Indicator will indicate Amber color and the alarm buzzer sounds.
- 3-5 When fan stops - slows down or disconnected, the Failure Indicator will indicate Red color and the alarm buzzer sounds.
- 3-6 Deactivate the alarm buzzer by pressing the Reset button.
- 3-7 The Failure Indicator will still indicate Amber (or Red) and will not revert until the failure is properly repaired.

Note:
The above testing results were obtained under the surrounding temp at 25°C.

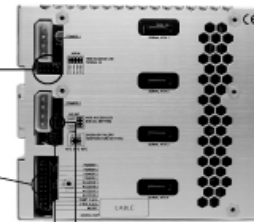
• Back-plane view

- ACCESS IN
P1 Access1- P2 Access1+ ACC1 IN
P3 Access2- P4 Access2+ ACC2 IN
P5 Access3- P6 Access3+ ACC3 IN
P7 Access4- P8 Access4+ ACC4 IN



- HDDPower/Access Output

- | | | | |
|----|----|----------------------|-----------------------|
| 1 | 2 | P1.Power LED 1 (+) | P2.Power LED 1 (-) |
| 3 | 4 | P3. Power LED 2 (+) | P4. Power LED 2 (-) |
| 5 | 6 | P5. Power LED 3 (+) | P6. Power LED 3 (-) |
| 7 | 8 | P7.Power LED 4 (+) | P8. Power LED 4 (-) |
| 9 | 10 | P9. HDD Access 1 (+) | P10. HDD Access 1 (-) |
| 11 | 12 | P11.HDD Access 2 (+) | P12. HDD Access 2 (-) |
| 13 | 14 | P13.HDD Access 3 (+) | P14. HDD Access 3 (-) |
| 15 | 16 | P15.HDD Access 4 (+) | P16.HDD Access 4 (-) |
| 17 | 18 | P17.FAN FAIL | P18.GND P |
| 19 | 20 | 19.FAN FAIL | P20.GND |
| 21 | 22 | P21.RESET | P22.GND |



- ACCESS SET
1 2 P1,P2 ACC2 SET
3 4 P3,P4 ACC3 SET
5 6 P5,P6 ACC4 SET

- TEMP Setting Jumper
2 4 8 P1,P2 SET FOR 45°C
3 4 P3,P4 SET FOR 55°C
1 3 5 P5,P6 SET FOR 65°C

• Access in view

HDD Access Cable is applied to lead in HDD Access signal from Motherboard or SATA interface card. Accordingly, black wire is connected to Access-, another one is to Access+. As Access cable are individually connected to ACC1 IN, ACC2 IN, ACC3 IN, ACC4 IN. There are different Access signal from HDD1, HDD2, HDD3, HDD4. Access set can be set up by jumper setting to indicate two or more HDD Access concurrently.

Access SET :

When ACC2 has jumper, HDD Access Indicator 1 and 2 willflash simultaneously. When ACC3 has jumper, HDD Access Indicator 1 and 3 willflash simultaneously. When ACC4 has jumper, HDD Access Indicator 1 and 4 willflash simultaneously.

• HDD Access signal cable connection



- HDD ACCESS Input : Connect to the HDD Access single pins on the host.(Green+ BLACK-)
- HDD ACCESS Output : Connect to the other HDD Access LED wire connector. (Green+ BLACK-)

Note : If SATA card provides HDD Access signal output, then used the enclosed HDD Access signal cable to obtain the HDD Access signal. If 4 HDD Access signal output are available, please take off the jumper from ACC SET, then the HDD Access indicators will flash individually. Due to the limitation of SATA specification, HDD Access signal can be obtained as above.