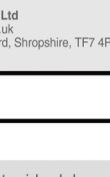


MB305M4P-B



MB312M4P-B



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Package Contents • Packungsinhalt • Contenu • Contenido del paquete • 包装について • 包装説明 • 包装说明

 (MB305M4P-B) (MB312M4P-B) Device	 (MB305M4P-B) (MB312M4P-B) 3 x Thermal Pads 6 x Thermal Pads	 User Manual
 (MB305M4P-B) Full/Half Height Expansion Slot Faceplate	 1 x #6-32*5 Hexagon Phillips Screw with Washer for Device	 8 x M.2 SSD Mounting Clips

Note: Please use the included screw to secure the device.

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Device Information • Geräteinformationen • Informations dispositif • Información del dispositivo • 本体説明 • 機體説明 • 机体说明

▼ Top View (MB305M4P-B)

- 1 Full Height IO Faceplate
- 2 Half Height IO Faceplate
- 3 2 Pin Header for Front Panel LED Activity Indicator
- 4 PCIe 4.0 x4 Golden Finger (Compatible with PCIe x4/ x8/ x16 Slot)

x4
 x8
 x16

▼ Front View (MB305M4P-B)

- 1 Drive Tray Latch Knob
- 2 LED Indicator (LED Status Indicator: Solid blue for power, flashing blue for SSD activity)

▼ Top View (MB312M4P-B)

- 1 Full Height IO Faceplate
- 2 2* 2 Pin Header for Front Panel LED Activity Indicator
- 3 PCIe 4.0 x8 Golden Finger (Compatible with PCIe x8/ x16 Slot)

x8
 x16

▼ Front View (MB312M4P-B)

- 1 Drive Tray Latch Knob
- 2 LED Indicator (LED Status Indicator: Solid blue for power, flashing blue for SSD activity)

Note: Please make sure your motherboard supports "PCIe bifurcation" to use dual M.2 NVMe SSDs simultaneously. Check the user manual of the motherboard or contact the motherboard manufacturer for this info. The motherboard will only detect single M.2 NVMe SSD without PCIe bifurcation feature.

PCIe Bifurcation Setting

1. Make sure your motherboard supports the PCIe bifurcation feature.
2. Enter the BIOS menu.
3. Select EZ/Easy Mode and then click Advance/Classic Mode
4. Locate PCIe port configuration and then change the setting to x4 x4 or x4 x4 x4 x4

3

Installation Guide • Installationsanleitung • Guide d'Installation • Guía de instalación • 製品の組み込み手順について • 操作步驟 • 操作步驟

▼ Install the M.2 NVMe SSD

3-1

Depending on the thickness of your SSD, apply the 1.5mm or 0.5mm thermal pad on the smooth surface of the removed aluminum heat sink. Make sure to remove the protective film before applying the thermal pad.

(Optional)

Remove the protective films and then paste the small piece thermal pads to the chip(s) that is thinner than others. You want to make sure all chips are at the same height for best conductive heat transfer.

M.2 NVMe SSD (not included)

3-2

Fit the M.2 SSD mounting clip into the notch at the front end of the M.2 NVMe SSD, then place the M.2 NVMe SSD onto the M.2 drive tray as shown in the diagram; make sure that the connector of the M.2 SSD has passed through the connector slot of the M.2 drive tray, and finally, secure the M.2 SSD by pressing down the M.2 SSD mounting clip onto the pre-set standoff hole.

Correct **NG**

When installing an M.2 NVMe SSD into the tray, please ensure that the M.2 NVMe SSD's connector end (gold fingers) is positioned correctly as indicated in the "Correct" diagram. Otherwise, it may result in installation failure or SSD detection issues.

3-3

Reattach the aluminum heat sink onto the M.2 drive tray and press down the front end of the heat sink until you hear a clicking or snapping sound.

! Tips: If using a 1.5mm thermal pad prevents the aluminum heat sink from being installed back onto the M.2 drive tray, please switch to using a 0.5mm thermal pad instead.

3-4

(MB305M4P-B) (MB312M4P-B)

Insert the M.2 drive tray into the MB305M4P-B/MB312M4P-B adapter card, and then rotate the drive tray latch knob to the left to secure the drive tray. Please ensure that the locking mechanism securely locks the drive tray latch knob.

▼ Remove the M.2 drive tray and M.2 NVMe SSD

3-5

Rotate the drive tray latch knob to the right, as shown. Pull out the M.2 drive tray from the MB305M4P-B/MB312M4P-B adapter card.

3-6

Gently push the left side of the M.2 drive tray outwards (and lift the heatsink cover).

3-7

Turn the M.2 drive tray upside down, gently shake it to disengage the M.2 SSD mounting clip from the tray. While inverting and shaking the M.2 drive tray, please secure the M.2 SSD with your hand to prevent it from falling out of the tray.

ICY DOCK reserves the right to change product specifications, components, or accessories without prior notice. For warranty information, please visit www.icydock.com/warranty.php

