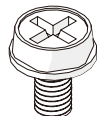


VANGUARD S CUBE

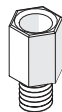
INSTALLATION GUIDE 安裝指南

Accessory Packet Contents



X 4

Power Supply Screw | 電源用螺絲 |



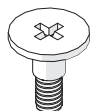
X 8

Motherboard Stand Off | 主機板銅柱 |



X 1

Stand Off Tool | 銅柱工具 |



X 4

Large Head 3.5" Drive Screw | 3.5" 硬碟螺絲 |



X 8

Large Head 2.5" Drive Screw | 2.5" 硬碟螺絲 |



X 12

3.5" HDD Screw | 3.5" 硬碟螺絲 |



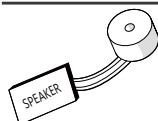
X 24

Hard Drive + Motherboard Screw
| 光碟機螺絲 + 主機板螺絲 |



X 10

Cable Tie | 束線帶 |



X 1

Motherboard Speaker | PC喇叭 |



X 3

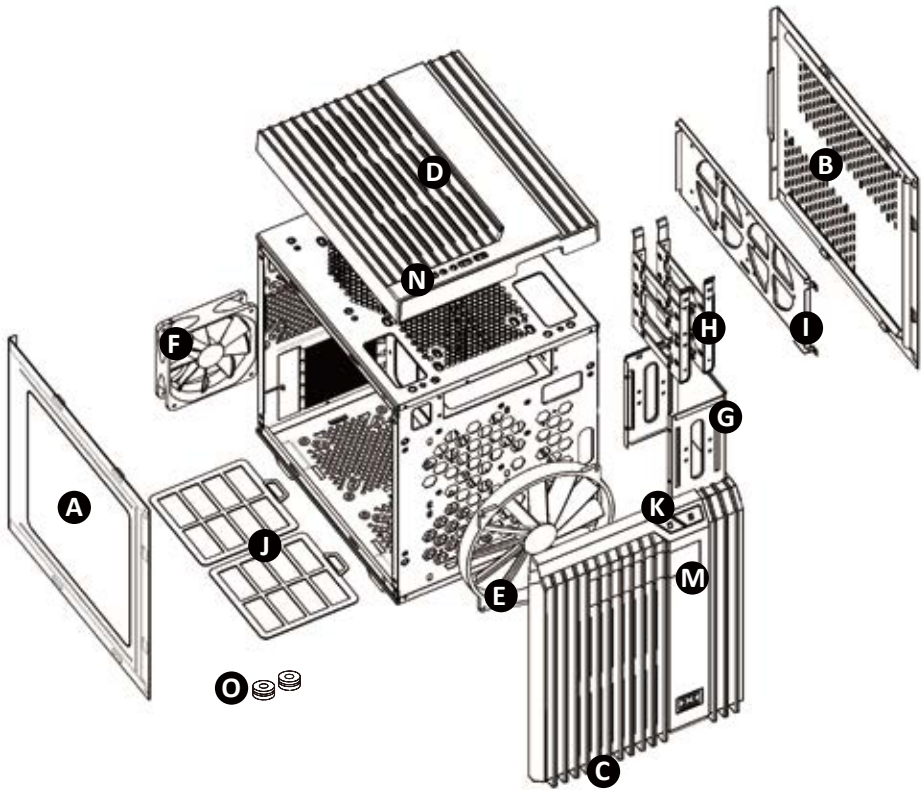
Rubber USB Dust Prevention Cover | USB防塵塞 |



X 2

Rubber Audio I/O Dust prevention Cover
| 音源孔防塵塞 |

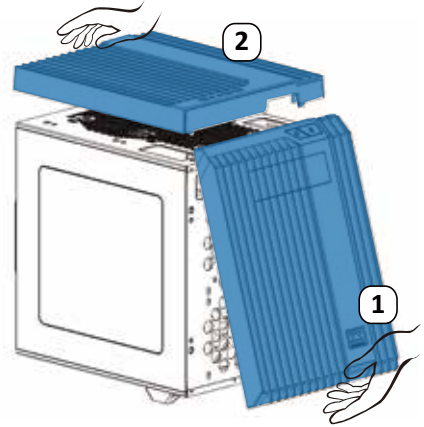
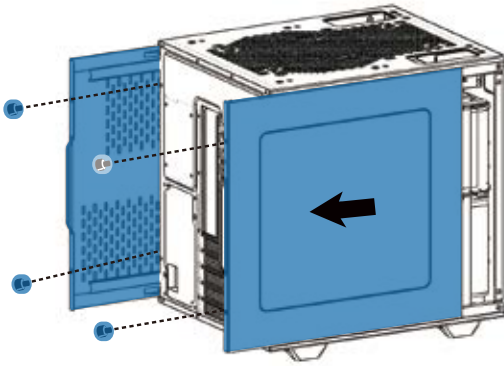
Case Features



- A** Windowed Side Panel | 開窗側板 |
- B** Ventilated Side Panel | 網狀側板 |
- C** Front Panel | 前面板 |
- D** Top Panel | 上蓋面板 |
- E** 200mm Front Fan | 前置 200mm 風扇 |
- F** 120mm Rear Fan | 後置 120mm 風扇 |
- G** 3.5"/2.5" Drive Cage | 硬碟架 |
- H** 3.5" HDD/ 2.5" SSD Drive Trays | 硬碟托盤 |
- I** 240mm Radiator/Hard Drive Mounting Bracket | 水冷及硬碟架 |
- J** Dust Filters | 防塵網 |
- K** Power+Reset Button | 電源及重置按鈕 |
- M** Optical Disk Drive Cover | 光碟機檔板 |
- N** USB 3.0 x 2, USB 2.0 x 1, Audio I/O | USB 3.0 x 2 USB 2.0 x 1 / 前置麥克風跟音源孔 |
- O** Anti-vibration 3.5"/2.5" Drive Mounting Rubbers | 硬碟防震橡膠 |

Installation Steps

01. Removal of Panels 卸載機身面板



1. To begin building your computer, unscrew the four thumb-screws securing the side-panels. These are located at the back of the case. Once these are removed, hold the protrusion found on the rear-side of the panel and pull towards the back of the case to release.

1.1. It is advised that you remove the front and top panel during installation. To remove the front-panel, you need to find the cut-out at the bottom. With one hand securing the body of the case, apply an outwards pulling force to the front-panel with your other hand (using the cut-out). Apply force gradually and once detached, be wary of wires attached to the front panel.

1.2. Once the front-panel is removed, you can remove the top-panel. Secure the body with one hand and apply an outwards pulling force to the top-panel with the other hand (using the cut-out). Apply force gradually and once removed, watch out for cables and wires attached to the top-panel.

※Installation will require a short Phillips Head screw driver. It is advised that any accessories removed and not used should be placed in the accessories packet to prevent loss.

1. 如果要開始組合您的電腦，請先卸載4個位於機體後方的手轉螺絲(用於卸載側板)，卸載之後，請壓住側板後側突出的地方並往卸載螺絲的方向推。

1.1. 建議您在組合電腦時，卸載位於上方及前方的面板。首先必須找到位於前面板底部的卸載點，此時使用一手穩住機身，另一手使用卸載點，向外拉至圖1的樣子，當施力結束並分離後，必須特別小心前面板中的配線。

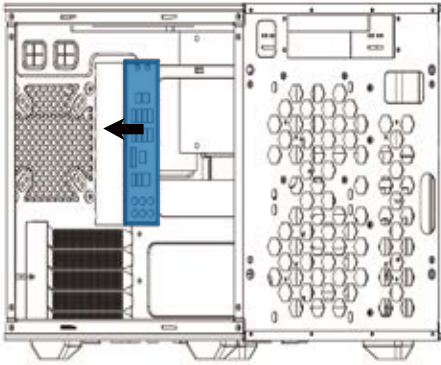
1.2. 當前面板卸除之後，便可以開始卸載上方面板，一樣地用一手穩住機身，另外一手使用卸載點向外拉，當施力結束時，當心連接上板的線路。

※安裝過程中將會需要短十字螺絲起子，建議如果沒有使用到工具的話，請放置在工具包內，已避免遺失。

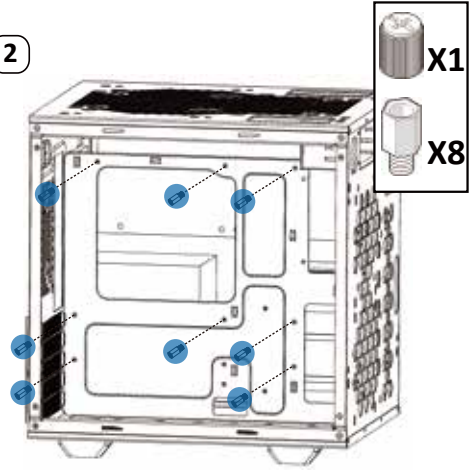
Installation Steps

02. Motherboard Installation 安裝主機板

1



2



2. To install the motherboard, Xigmatek advises that you follow the guide included with your motherboard purchase or on the company's website.

2.1. Find the I/O shield back-plate for your motherboard (this will come with the purchase of your motherboard). From the inside of the body, insert the back-plate into the cut-out at the back of the case. Make sure the port cut-outs are positioned the right way up (align with motherboard if you are unsure of the correct way up). Apply pressure to all four corners to secure the back-plate.

2.2. Stand-offs must be fastened to the inside of the case before placing your motherboard in. The placement of these stand-offs must align with the screw-holes located on the motherboard. To fasten or relocate stand-offs, a stand-off tool is provided in your accessory packet. Place the stand-off tool on top of your stand-offs to allow for thumb-screw or tool application.

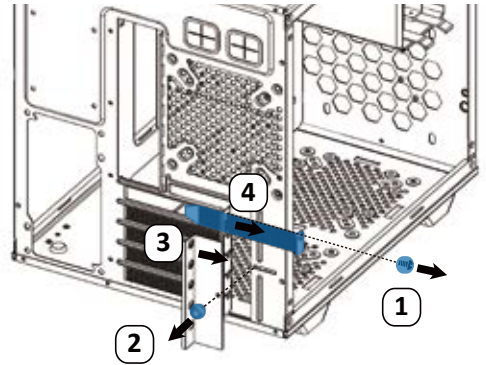
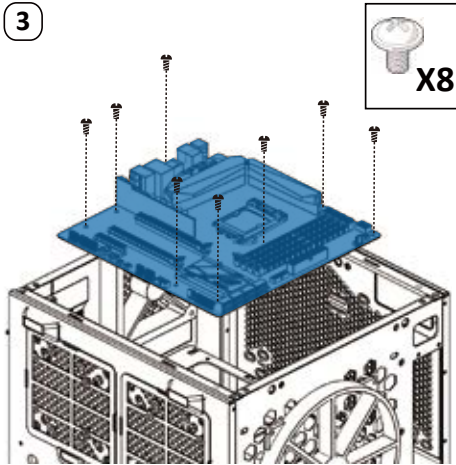
2. 如果要卸載主機板，我們建議你照著主機板的說明書，以及公司網站，會有更詳細的說明。

2.1 找到I/O控制面板的檔板後(您購買的主機板，都會贈送給您)，從機身內部安裝至機身後方的卸載點，並確定方向正確(可以試著拿主機板來核對方向是否正確)，然後再四個角落點上壓緊以確保成功安裝。

2.2. 銅柱必須在放置主機板上，就先鎖上，這些被鎖上的銅柱必須吻合您的主機板的螺絲孔。如果想要鎖緊，或是卸載銅柱，可以在零件包中，找到銅柱工具，只要將工具置於銅柱上，便可使用手轉，或是起子來轉動。

Installation Steps

03. Add-On Card Installation 安裝主機板及PCI-E



2.3. Place the motherboard into the case inserting the I/O ports into the I/O shield back-plate. Use motherboard screws found in your accessory packet to anchor down the motherboard with your Phillips Head screw-driver. Although the case design has a cut-out for easy cpu cooler installation, Xigmatek advises installing CPU coolers onto the motherboard first.

3.1. To install a PCI-E/PCI card (such as graphics card), locate the slot (at the back of the case) which aligns with your add-on card location on the motherboard. Use a Phillips-Head screw-driver to remove the screw locking the slot cover.

3.2. Once removed, loosen the thumb-screw fastened on the add-on slot cover plate and slide the plate open.

3.3 Install your add-on card into the motherboard with back ports inserted into the add-on slot. Once the card is installed, use your Phillips-Head screw-driver to anchor the card down with the add-on slot screw you removed from the slot cover.

2.3. 將主機板放置於機箱與銅柱上，並插入剛剛安裝的I/O檔板。在工具包內可找到主機板專用螺絲，使用十字螺絲起子並鎖上。

3.1. 若要安裝PCI-E或PCI卡(如顯示卡)，找到主機後方的PCI檔板後，可以使用十字螺絲起子來移除鎖起來的保護架。

3.2. 移除後，將一旁的可划動式的檔板的手轉螺絲卸下，並將其打開。

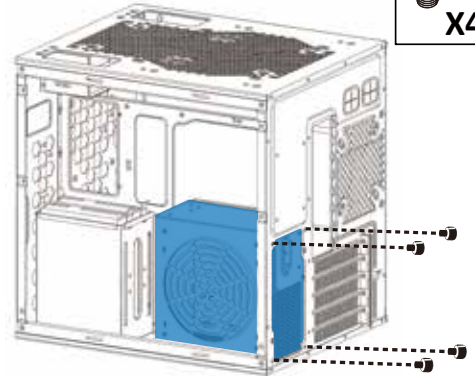
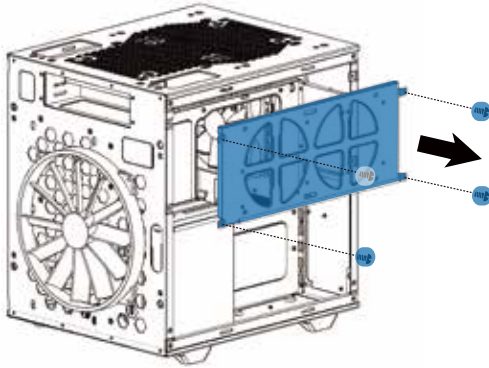
3.3 將您要安裝的卡，插進主機板上相對應的插槽，當卡安裝完成後，使用十字螺絲起子將卡固定在剛剛移除的保護架上。

3.4 最後將步驟2的可划動式檔板放回，並把手轉螺絲鎖上。

Installation Steps

04. Radiator/Hard Drive Mounting Bracket Removal 移除水冷裝置架/硬碟架

05. Power Supply Installation 安裝電源供應器



4. Unscrew the four screws located on the corners of the radiator/drive mounting bracket with your Phillips Head screw-driver. It is advised that you remove this bracket until the end of your hardware installation.

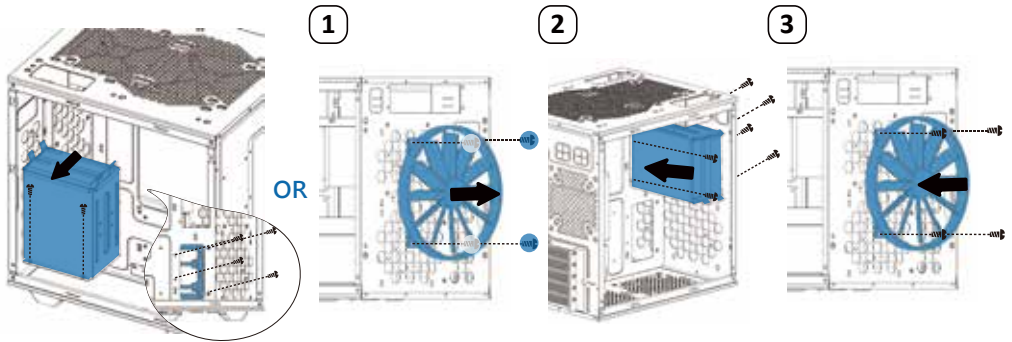
5. With the mounting bracket removed, place your power supply unit into the designated space behind the motherboard. Make sure the fan is facing out so that it can access air-flow from the ventilated side panel. Align the screw-holes in the back and use the four power supply screws, found in your accessory packet, to secure the unit with your screw-driver. It is advised for larger power supply units, that the drive cage be removed and drives installed in alternative locations.

4. 使用十字螺絲起子將水冷裝置與硬碟架上，位於4個角落的螺絲拆卸。建議當你要安裝硬碟的時候，再進行硬碟架的卸載。

5. 當架子都被移除後，將您的電源供應器，移動到主機板後特定的位置。並須確定風扇朝外，才能把空氣對流到側板外。在工具箱中找到電源供應器的螺絲孔，並調整電源供應器與機身孔的相對位置，再行鎖上。如果電源供應器的尺寸較大，建議可以拆卸硬碟架，並把硬碟裝置在替代的位置上。

Installation Steps

06. Drive Cage Removal and Relocation 硬碟架的移除與替代位置



6. The drive cage can be removed or relocated depending on user preference. To remove, use your screw-driver to unscrew the two screws found at the front of the cage and the four on the back.

6.1. To relocate the drive cage, you must first briefly remove the preinstalled 200mm front intake fan. Use your screw-driver to remove the four screws securing the fan (located on the corners of the fan frame) and the fan will come free.

6.2. Once the fan is out of the way, relocate the drive cage to the optional location found at the front top of the case (beneath the 5.25" optical disk drive cage). Secure the drive cage once more with the two screws at the front and four screws at the back.

6.3. When reattaching the 200mm front intake fan, position the fan so that the fan cable is conveniently located for application and management. Unless you wish to change the intake to an exhaust, make sure that the fan is re-installed facing the same direction as before.

6. 硬碟架可以根據使用者的喜好，決定要拆卸或是重新安置。若要移除，請將前方2個螺絲移除，並且移除後方4個螺絲。

6.1. 如果要重新安置硬碟架，您必需短暫地移除圖1的200MM風扇，將固定風扇的4個螺絲卸載後(螺絲位於風扇框架的角落)，風扇便拆卸成功。

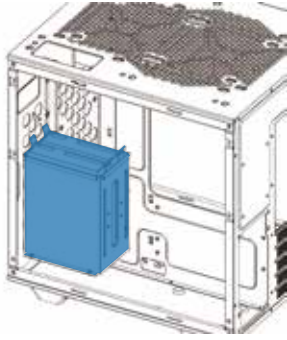
6.2. 風扇移除後，便可將硬碟架安裝至內部機殼的上方(位於光碟機的下方)，鎖上前方的2個螺絲及後方的4個螺絲。

6.3. 當重新安裝200mm的抽風扇時，將風扇位置擺好，才能確保線路可以方便使用及管理。除非您希望將抽風改為送風，不然請小心將風扇保持與拆卸前同樣的方向。

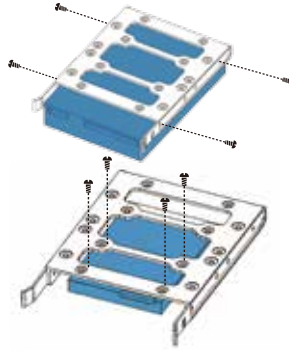
Installation Steps

07. Drive Installation 安裝硬碟/光碟機

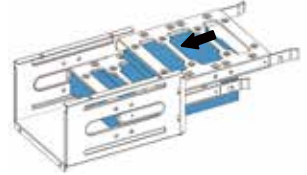
1



2



3



7.1 Inside the drive cage are two drive trays. Each drive tray supports a 3.5" HDD or 2.5" SSD.

7.2 To install 3.5" HDD, align one side of the drive's screw-holes with the drive tray screws and slide in. Once one side is in, apply an inwards force to the other side of the drive to lock in place. Make sure the connecting end faces out for easy access and cable management. To install 2.5" SSD, align the four screw-holes on the surface of the drive with four holes on the tray (make sure the connecting end is facing outwards) and use your screw-driver to secure with the hard drive screws.

7.3. Slide the drive trays back into the cage until they lock in place.

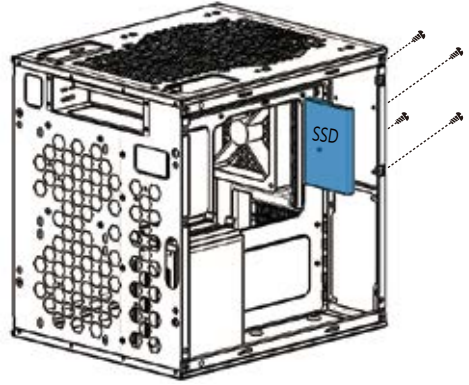
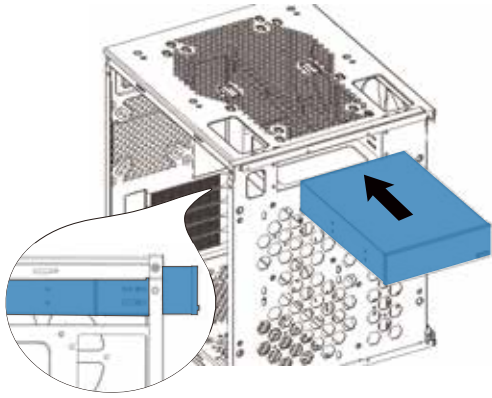
7.1 硬碟架裡有兩個硬碟托盤，每個硬碟托盤都支援3.5吋HDD或2.5吋SSD。

7.2 安裝3.5吋硬碟時，調整硬碟上的孔與托盤上的孔為一致，當硬碟卡進後，施力將另一側也卡到正確的位置，並請確定與線路的連接面，是否能夠輕鬆進出，方便整線。安裝2.5吋SSD時，調整4個螺絲孔置托盤上相吻合的點(請確定連接面朝外)，使用螺絲起子固定硬碟。

7.3. 將硬碟托盤裝回硬碟架，並確保是卡上的。

Installation Steps

08. Drive Installation 安裝硬碟/光碟機 09. Drive Installation 安裝硬碟/光碟機



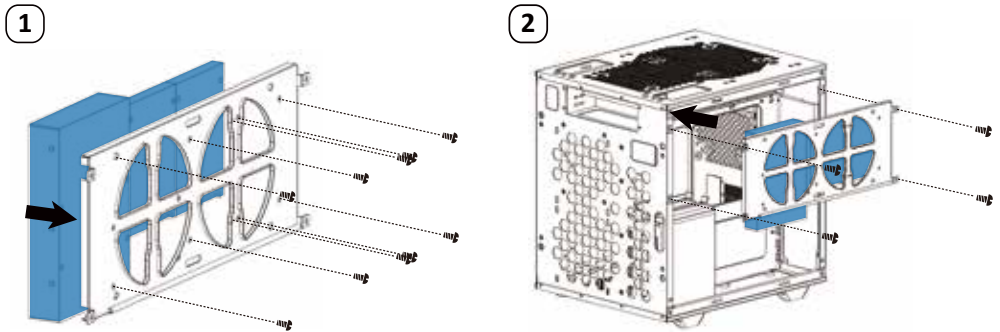
8. With the front panel off, slide your 5.25" optical disk drive into the mount. Do not slide the drive all the way in. Once in the external 5.25" bracket, place the front panel back onto the case to align the 5.25" ODD with the front panel protrusion (the front of your ODD should not sink in or stick out further than your front panel). Once aligned, use your screw-driver to secure the drive on both sides with the hard drive screws provided in your accessory packet.

9. On the back of the case you will find a designated area for 2.5" SSD installation. Using the hard drive screws provided in the accessory packet, align the SSD and use your screw-driver to secure the drive in position.

8. 前面板已拆卸的狀態下，將您的光碟機放入乘載口中，請不要將光碟機整個推到底，安裝好後再把前面板裝好，並調整前面板，至可以將光碟機適當地推出的位置(注意：光碟機不能安裝得太深，或是太過突出)，當調整好後，用工具包中的硬碟專用螺絲，將兩邊鎖緊。

9. 在機箱的內部後側有2.5吋SSD的替代位置，用工具包內的硬碟專用螺絲可以將其固定。

Installation Steps



9.1. The radiator/hard drive mounting bracket can support two 2.5" SSD and one 3.5" HDD. Align the screw-holes on the surface of your drives with the mounting bracket holes. Make sure the connecting ends of the drives are facing a convenient direction for easy access and cable management. Use the hard drive screws found in the accessory packet to secure your 2.5" SSD and the 3.5" HDD screws for your 3.5" HDD.

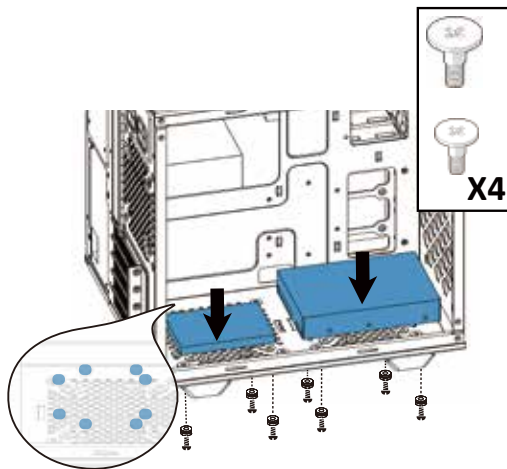
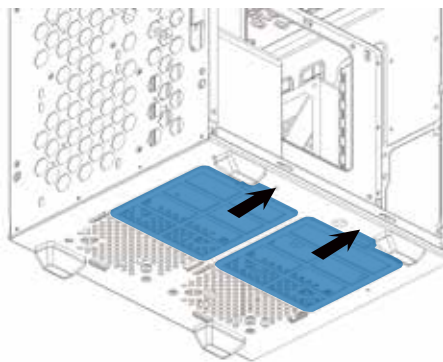
9.2. It is advised that you do not reinstall the bracket back on until the end of your hardware installation so that it does not obstruct your working space. To reattach the mounting bracket, use the same four mounting bracket screws and fasten the corners like before.

9.1. 水冷以及硬碟架最大支援2個2.5吋SSD及1個3.5吋HDD，調整螺絲孔至吻合硬碟架，並確認連接端面對的方向，可以方便進出機身及方便整線，使用工具包內的硬碟專用螺絲，固定您的硬碟。

9.2. 建議在硬碟要安裝之前，先不要安裝硬碟架，才不會在安裝過程中受到空間的阻擋，安裝硬碟完之後，再把硬碟架用之前同樣的4個螺絲鎖上。

Installation Steps

10. Drive Installation 安裝硬碟/光碟機

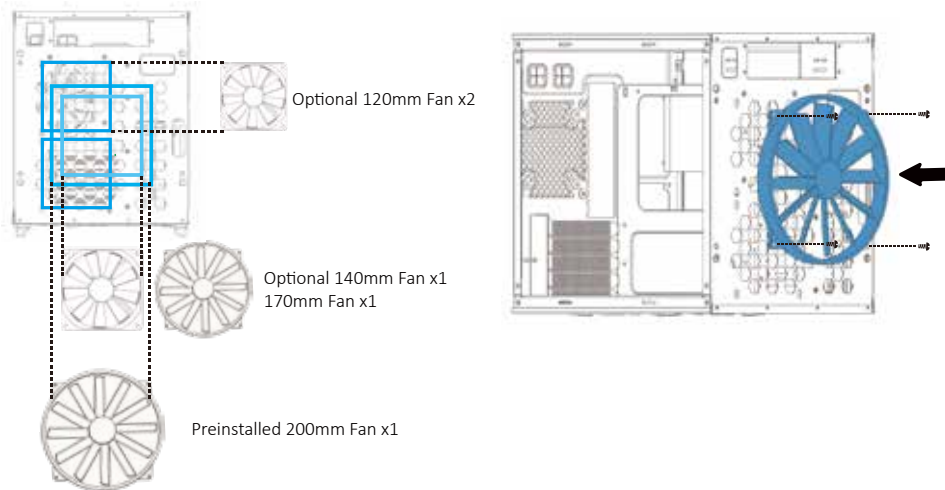


10. At the base of the case (beneath the motherboard) are options for drive installation. To install hardware on the bottom of the case, you must first remove the dust filters by sliding them out (towards the power supply side of the case). This area supports a 2.5" SSD and another 3.5" or 2.5" drive with the use of mounting rubbers. Cut-outs supporting both 3.5" and 2.5" drives are found in this location. Align your drive with the cut-outs to confirm which ones you intend to use. Using your fingers, squeeze the sides of the mounting rubbers while applying a pulling force to remove and then relocate the mounting rubbers to the aligned cut-outs. Push the rubber mountings into the cut-outs until the indentation in the mountings locks into the cut-out. Once the mounting rubbers are in the correct cut-outs, place your drives on top of the rubber mountings and with your screw-driver, secure them with the "large head" 3.5"/2.5" screws (3.5" for HDD and 2.5" for SSD) found in the accessory packet. Make sure the connecting ends of the drives are not obstructed and are facing the most convenient direction for access and cable management.

10. 在主機板的下方，內部機身的最底部，同樣能夠安裝硬碟。在安裝硬碟之前，必須先移除底部的集塵網，將集塵網往電源的方向拿出。這些區塊同時支援1個2.5吋SSD及另一個2.5吋SSD或著3.5吋HDD，並且底部有著固定用的橡膠墊片，同時也支援卸載點可卡住3.5吋及2.5吋的硬碟。將這些橡膠墊片透過擠壓的方式取出，再將其放在需要的卸載點上，之後把硬碟放在橡膠墊片上，並使用大頭的3.5吋及2.5吋專用螺絲將其固定，特別注意連接頭是否會阻擋零件進出，及方便整線。

Installation Steps

11. Fan Installation 安裝風扇

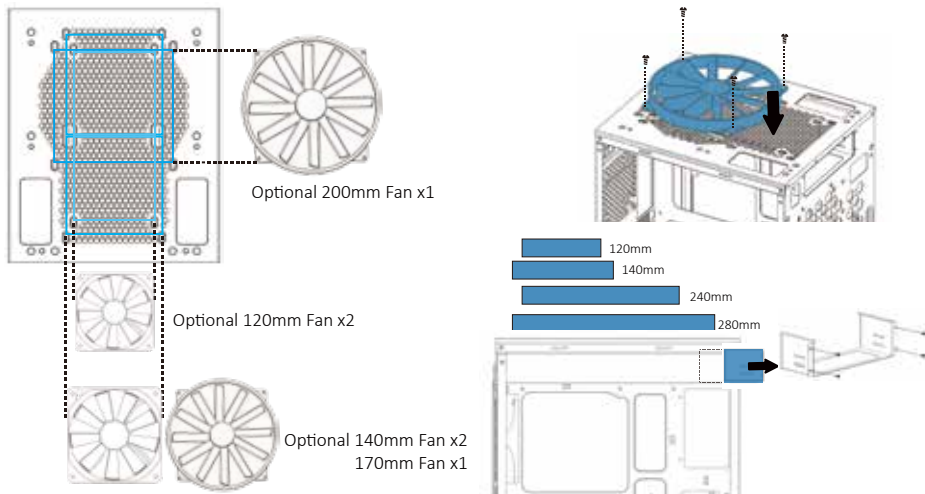


11. The front of the case supports installation of different size fans. The option of 200mm, 170mm, 140mm or 2 x 120mm Xigmatek fans are supported. For 200mm and 170mm Xigmatek fans, the screws are fastened from the outside of the case. If you choose to use 140mm or 2 x 120mm Xigmatek fans, the screws are fastened from the inside of the case. 2 x 120mm fans can be installed on the inside of the body and screwed in from the outside. It is advised that you do not install fans on both inside and outside of any one side of the case as this may cause turbulence resulting in loss of airflow and increase in noise output.

11. 機身前方能夠安裝不同大小的風扇，選項有200mm，170mm，140mm或2個120mm的Xigmatek風扇。如果選用200mm及170mm的風扇，就必須從外側機身鎖上；如果選用140mm或者2個120mm，則從內部鎖上；又，2個120mm風扇可以被安裝在內部，並從外部鎖上螺絲。建議您如果不打算安裝任何一側的風扇，將會導致對流不良，進而造成機箱噪音過大。

Installation Steps

12. Fan Installation 安裝風扇

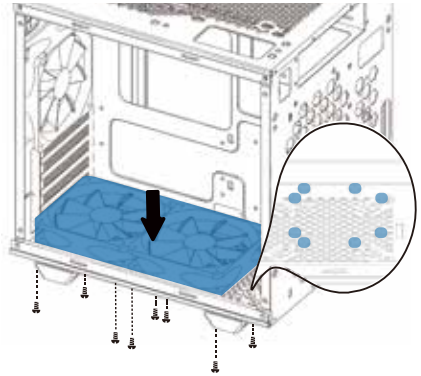
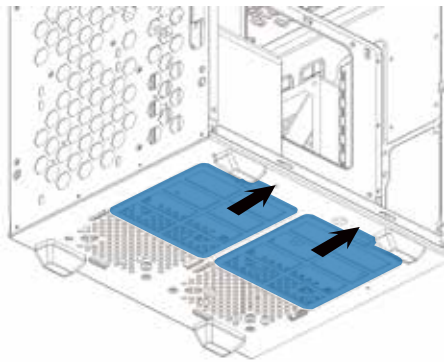


12. The top of the case will support 200mm, 170mm, 2 x 140mm and 2 x 120mm Xigmatek fans. If you intend to install 170mm or a single 140mm fan, you can choose to install on the inside or outside of the body. The outside of the body will also support 200mm and 2 x 120mm Xigmatek fans. Removal of the external 5.25" cage is required to install 200mm, 2 x 140mm or 2 x 120mm fans on the inside of the body. With the removal of the external 5.25" cage, you can install 240/280mm radiators on the inside of the body with fans on the outside. It is advised that you do not install fans on both the inside and outside of the body as this may result in unwanted turbulence which may cause loss of airflow and increase in noise output. To remove the optical disk drive cage, use your screw-driver to unscrew the four screws securing the cage (at the front of the chassis) and the cage will come free. Make sure you consider the fan's airflow direction (top fans is most suitable as exhaust) and cables/wires before securing. It is advised that you install an equal amount of intake as exhaust fans. Fans should be placed with cables easy to access and manage.

12. 機身上方支援200mm，170mm，2個140mm，及2個120mm的Xigmatek風扇，如您打算安裝1個170mm或1個140mm的風扇，您可以選擇安裝在機身內部或外部；機身外支援200mm及2個120mm的風扇；如需從內部安裝200mm，2個140mm，或2個120mm的風扇，則必須移除光碟機架，才有足夠空間。光碟機架移除後，同時也從內側安裝240/280mm的水冷台，並在外側加裝風扇。建議您不要將風扇同時安裝在內側及外側，此舉會造成對流的流失，以及噪音的增加。使用螺絲起子可以將光碟架從上方拆卸。確定風扇的對流方向(上方的風扇最適合拿來導流)，及線路的整束才進行鎖上。建議您抽風及導流用的風扇，數量盡量為對等，風扇安置的位置也盡量擺放在線路容易整束的地方。

Installation Steps

13. Fan Installation 安裝風扇

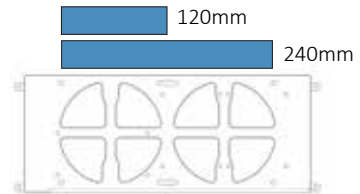
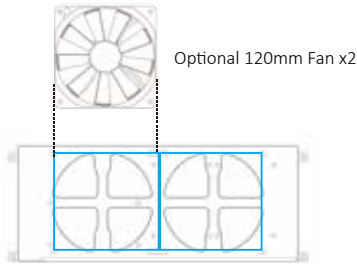
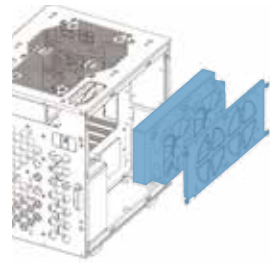
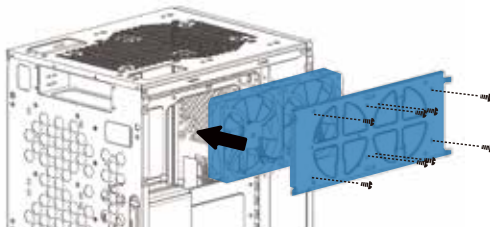


13. 2 x 120mm fans can be installed below the motherboard at the base of the body. To install these fans you must first remove the dust filters by sliding them out (towards the right side of the body). Before installing the fans you must first remove the rubber drive mounts located in this space. With your fingers, remove the rubber drive mounts by squeezing and applying a pulling force away from the cut-out they are secured in. Put these into your accessory packet for safe-keeping. Once removed, align and secure your fans from the outside of the case with your screw-driver. Make sure to consider the airflow direction and cables of the fans before anchoring them down. It is advised that you use the bottom fans as intake so the dust filters can protect your hardware from undesired foreign objects.

13. 機身內側底部(主機板下方)可以安裝2個120mm的風扇，加裝前必須先移除集塵網(從右側往電源方向移除)，安裝風扇之前將橡膠墊片，透過擠壓的方式拔起，再將移除的橡膠墊片放回工具包內，避免弄丟。從底部外側安裝風扇，在鎖上之前，須確定空氣對流方向，以及線路的整束。建議您將底部的風扇作為抽風使用，如此集塵網能保護您的硬體，不受到灰塵的汙染。

Installation Steps

14. Fan Installation 安裝風扇



14. The radiator/drive mounting bracket supports 2 x 120mm fans and a 240mm radiator. For installation, place the fans and radiator on the mounting bracket and secure with your screw-driver from the inside side of the bracket. This option is only available if you do not choose to use this area for drives. Make sure you consider the fan cables and radiator pipes for convenient access and cable management before securing them onto the mounting bracket. Once you have secured your fans and radiator, reattach the radiator/drive mounting bracket to your case and fasten with the four mounting bracket screws you removed at the beginning of the installation with your screw-driver.

14. 水冷/硬碟架能支援2個120mm風扇及1個240mm水冷機台，將風扇或水冷台鎖在內側架上，注意只能從內部鎖上。確認鎖上後風扇的束線以及水冷管，能方便進出及方便整線。鎖上風扇或水冷台後，將水冷/硬碟架用4個架子專用螺絲鎖回機身。



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