
SS50 Barebone Installation Guide

S S 5 0 準系統安裝手冊

Shuttle®

Pentium 4 , SS50 Installation Guide (Version 1.0)

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- 更改接收天線的方向和位置。
- 增加電腦和接收器之間的距離。
- 把電腦和接收器的電源線路分開，不使用同一個插座。
- 請經銷商或有經驗的無線電 / 電視技術人員給予幫助。

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1: Introduction / 準系統特色介紹

Barebone system

/ 準系統

The Barebone includes chassis, power supply and mainboard.

Front
正面



Back
背面



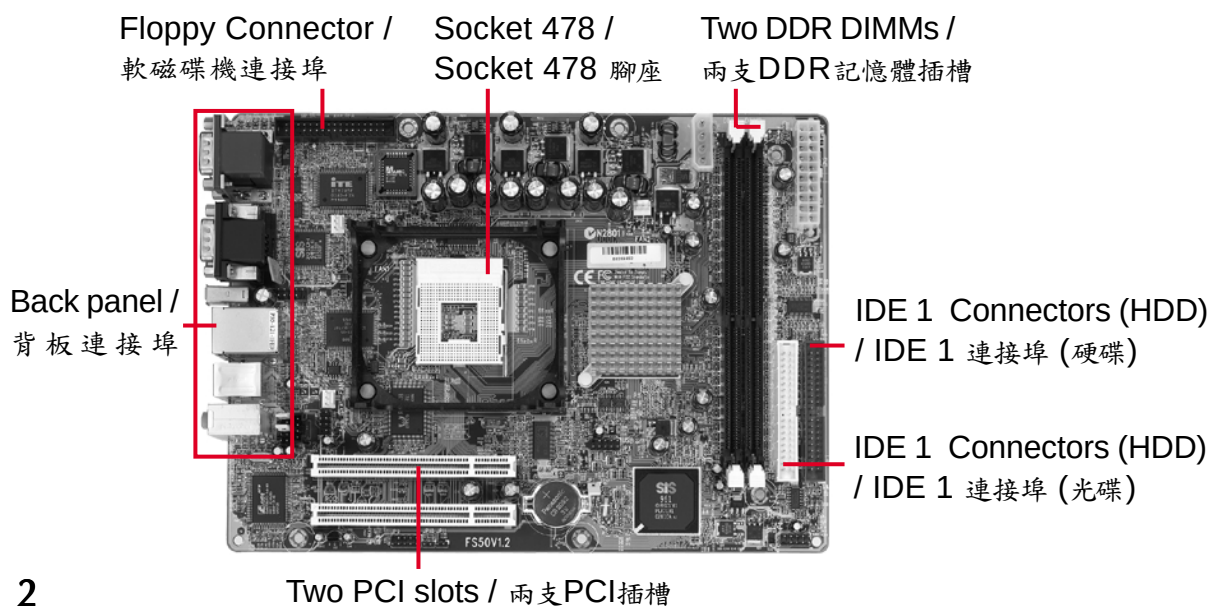
SS50 準系統主要組成元件包含機殼，電源供應器和主機板。

Accessories / 配件內容

- | | |
|---------------------------|---|
| 1. FDD cable x 1 | 5. FS50 CD x 1 |
| 2. ATA / 66 IDE cable x 2 | 6. CPU cooler x 1 |
| 3. Power cord x 1 | 7. SS50 installation guide x 1 |
| 4. FS50 manual x 1 | 8. Installation kit (screw ... etc) x 1 |
-
- | | |
|------------------------|-------------------------|
| 1. 軟磁碟機排線 x 1 | 5. 主機板 FS50 驅動程式光碟片 x 1 |
| 2. ATA / 66 IDE 排線 x 2 | 6. 散熱風扇 x 1 |
| 3. 電源線 x 1 | 7. 零件包 (螺絲 ... 等) x 1 |
| 4. 主機板 FS50 使用手冊 x 1 | 8. SS50 安裝手冊 x 1 |



Mainboard / 主機板佈置圖



■ 2: Hardware Installation / 硬體安裝

- Note:**
- 1: The orientation of CPU or Memory modules must be identical to its socket or slots.
 - 2: The Red-line of cables (ex: FDD, HDD...) and "1" marked on the socket or slots, all stand for the first pin. Please make sure before fabricate.

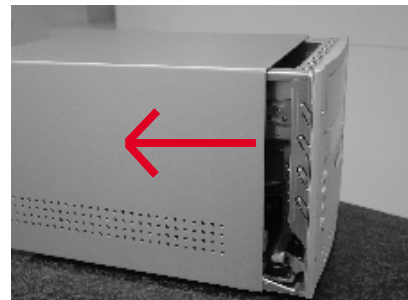
- 注意：**
- 1: 注意中央處理器與腳座，記憶體模組與插槽的方向要一致。
 - 2: 排線上的紅線與主機板插座上標有 "1" 的字皆為第一隻腳，安裝時方向要正確。

■ Open Chassis Cover / 移開機殼上蓋

1. Loose 3 screws of chassis cover.
鬆開三顆背板固定螺絲。



2. Remove the cover.
移開機殼上蓋。

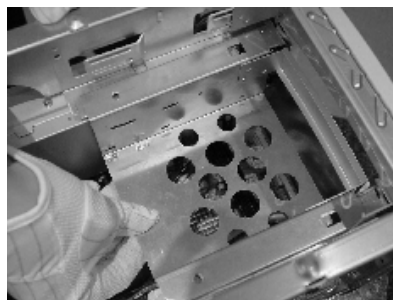


■ Remove HDD / FDD / CD-ROM Rack / 移開硬體週邊支架

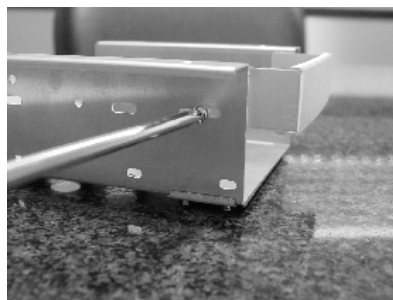
1. Loose 2 screws of HDD Rack.
鬆開兩顆 HDD 支架螺絲。



2. Remove HDD Rack.
移開 HDD 支架。



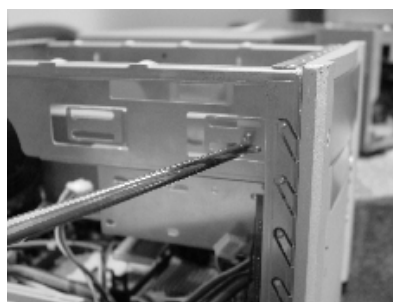
3. Loose 2 screws of 3.5" cover.
鬆開支架上的 3.5" 擋板固定螺絲。



4. Remove the 3.5" cover.
取下 3.5" 擋板。



5. Loose 2 screws of 5.25" cover.
鬆開支架上的 5.25" 擋板固定螺絲。



6. Remove the 5.25" cover.
取下 5.25" 擋板。



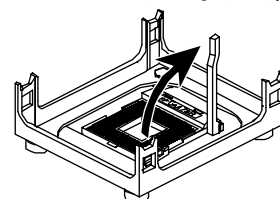
■ CPU Installation / 安裝 CPU

1. Pull up the CPU socket lever to 90-degree angle.

找到主機板上位於背板連接埠，與 DIMM 腳座間的 Socket 478 CPU 腳座。
將腳座旁的拉桿，往外推出並向上 90 度拉起。



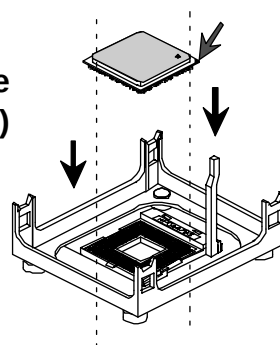
CPU socket lever up to 90 degree
向上 90 度拉起拉桿



2. Locate Pin 1 in the socket and look for a black dot or cut edge on the CPU upper interface. Match Pin 1 and cut edge, then insert the CPU into the socket.

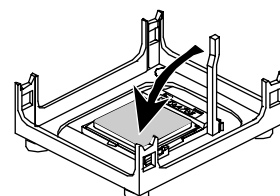
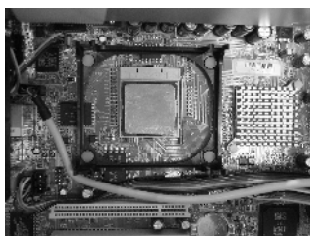
將 Intel® Pentium® 4 處理器放入 CPU 腳座。注意 CPU 及腳座邊緣的不對稱斜角 (Pin 1)，將 CPU 斜角處對準腳座靠近拉桿前方的空白斜角。

CPU pin 1 and cut edge
C P U 及腳座邊緣的不對稱斜角 (P i n 1)



3. Press down the CPU socket lever and finish CPU installation.

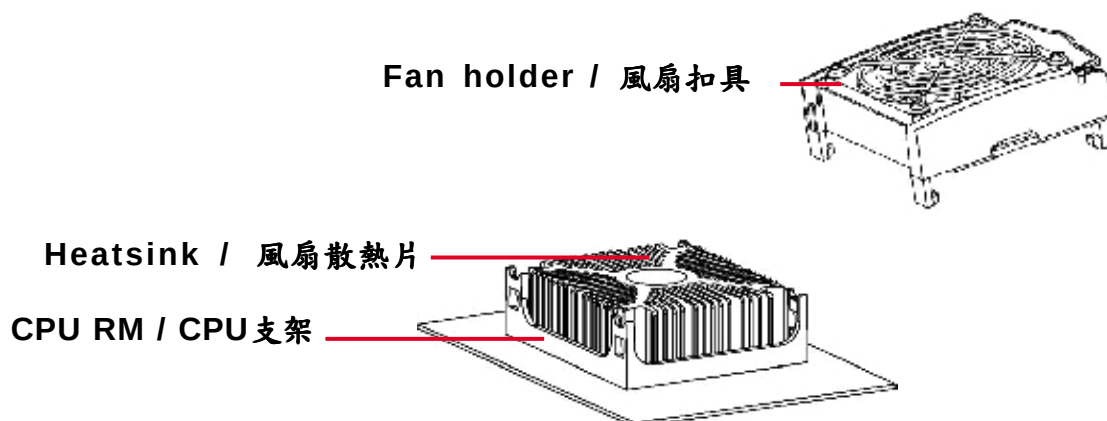
將 CPU 輕壓入腳座內，確定 CPU 與腳底間沒有任何空隙，最後再將拉桿壓回，固定住 CPU。



Note: If you do not match the CPU socket Pin 1 and CPU cut edge well, it may damage the CPU.

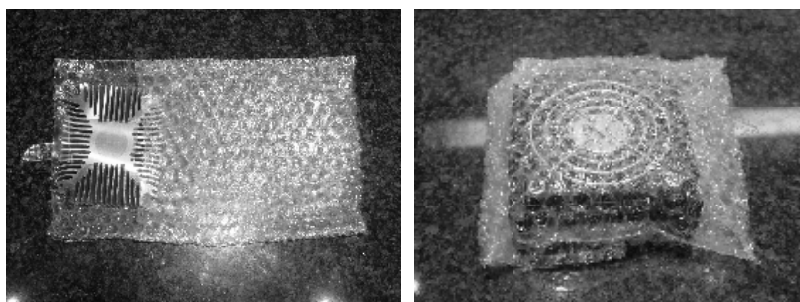
注意：為了系統的正常作業，請再次確認 CPU pin 腳安裝無誤。

■ Install CPU Cooler / 安裝 CPU 風扇



1. Take heatsink and fan holder out of the accessory box.

從零件盒取出風扇散熱片及風扇扣具。



2. Reconfirm if there is a thermal grease.

確認有風扇及散熱膏。



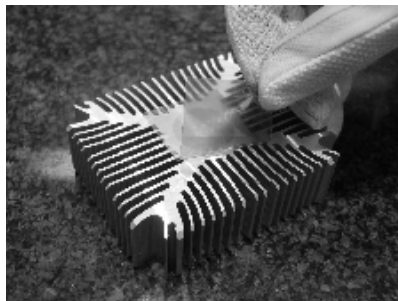
3. Apply thermal grease on top of CPU die.

將散熱膏均勻地塗抹於CPU上。



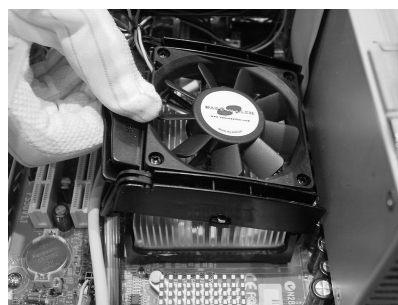
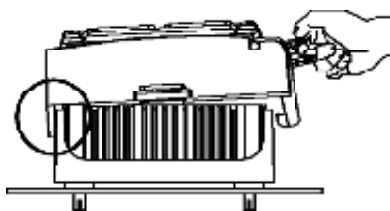
4. Remove the blue plastic film from the bottom of heatsink and evenly place this side on your CPU inside the RM.

撕下背膠，組裝時有背膠面為貼CPU面。



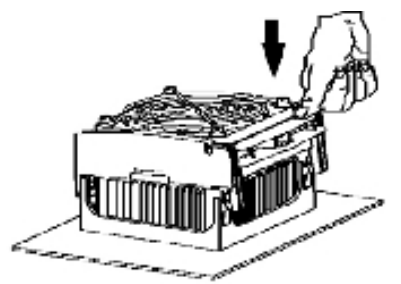
5. Make sure to buckle one side of fan holder first. The two hooks of holder must be placed inside of the holes of RM.

握住扣具把手，並將另一端腳架對準CPU支架上的兩個定位孔。



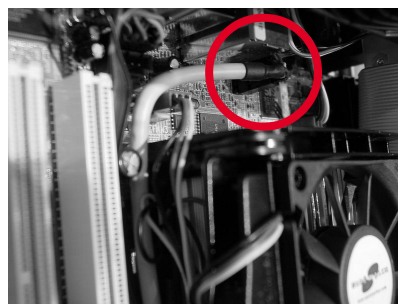
8. Buckle this side of holder by pressing the clip downward.

壓下CPU卡榫，固定散熱風扇於CPU腳座。



9. Plug the fan's power connector.

安裝散熱風扇電源。

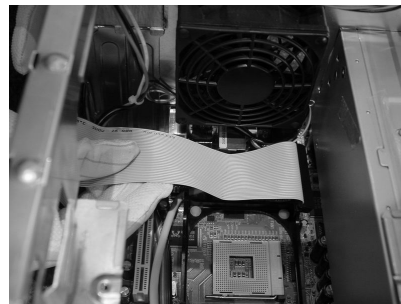


- Note:**
- 1: You can make sure the cooler holder is well set when heard a "Click" sound.
 - 2: Don't forget to plug fan's power connector.
 - 3: Please check the pin count of fan's power connector. It is suggested to use 3-pin cooler. System will detect fan speed automatically. This function is not supported when 2-pin or 4-pin cooler is used.

- 注意：**
- 1: 請確認 CPU cooler 安裝無誤。
 - 2: 安裝完畢後，請安裝上 風扇電源線。
 - 3: 安裝時需注意電源連接端口的 pin 數，建議使用 3-pin 式散熱風扇電源連接端口，如此系統將會自行偵測風扇轉速狀態；而 2-pin 與 4-pin 式則不支援該項功能。

■ Install FDD Cable / 安裝 FDD 排線

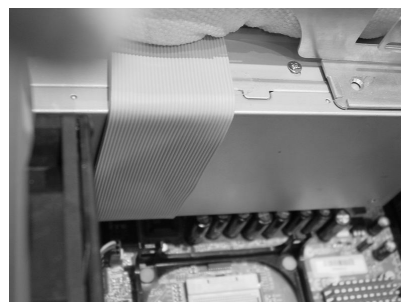
1. Plug FDD cable to the FDD connector.
安裝 FDD 排線於主機板的 FDD 連接埠口。



2. Fold FDD cable under power support.
反折 FDD 排線於電源供應器下方。

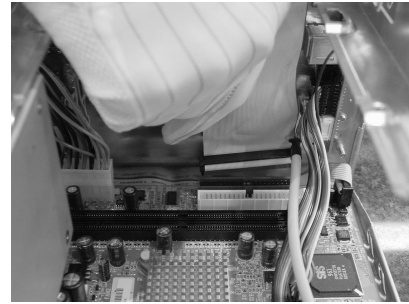


3. Fix FDD cable onto the power chassis with twin adhesive.
用零件盒內附雙面膠固定排線於 power 側面。



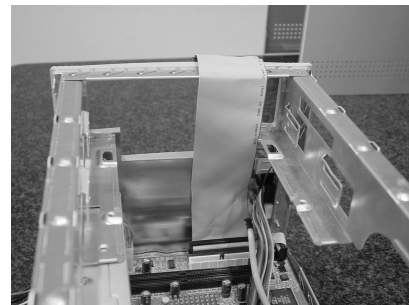
■ Install HDD Cable / 安裝 HDD 排線

1. Plug HDD cable to the IDE 1 connector.
安裝排線於主機板的 IDE 連接埠口 (IDE 1).



2. Place the other side of HDD cable as picture shows.

將排線另一端置系統機殼上緣，
以利 CD-ROM (IDE 2) 排線的安裝

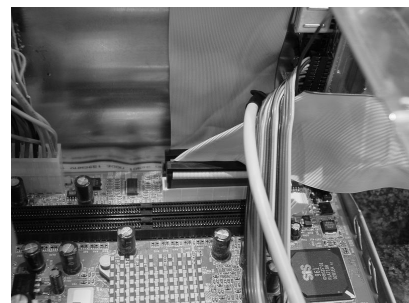


■ Install CD-ROM Cable / 安裝 CD-ROM 排線

1. Fold the one side of CD-ROM cable as picture shows.
將連接 IDE 連接埠口一端排線反折。

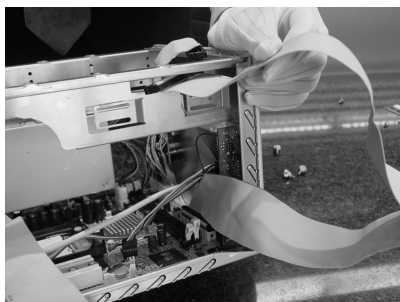


2. Plug the folded side to the IDE 2 connector.
安裝排線於主機板上的 IDE 2 連接埠口。

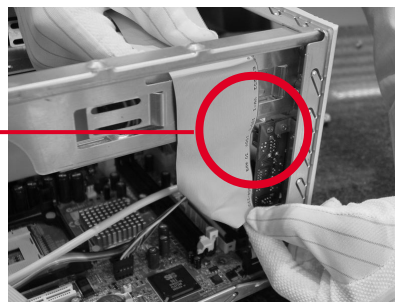


Note: Remember to locate IDE 2 cable under USB / IEEE1394 cables.
注意：排線應於 I / O USB 線材下方穿入。

3. Follow the picture to insert the cable through the preserved hole.
將排線穿過系統機殼側方的定位孔，以固定排線（排線固定方式如右所示）。



1st pin



Note: Please leave the red line (1st pin) close to front panel.

注意：排線第一 pin（即有紅色印字面為第一 pin）面向面板。

4. Then leave the 3 cables as picture shows.

待 CD-ROM (IDE 2) 排線安裝完畢，
再將 HDD 排線反折於風扇上方。



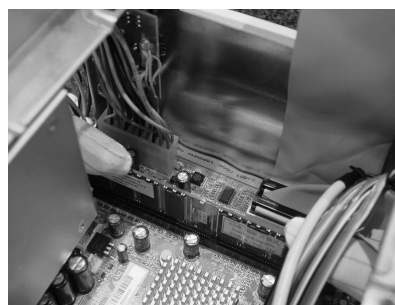
Note: Please keep the cable identical or inner to the Rack, just to avoid cable damaged when chassis close.

注意：請將排線緊貼於 HDD 支架，以避免關閉上蓋時，造成排線受損。

■ Install DDR SDRAM / 安裝記憶體模組

Install the DDR module to the DIMM1 / 2.

安裝記憶體於主機板上的記憶體插槽。



■ Install Rack / 安裝支架

1. Place FDD & HDD on the rack.

安裝 FDD 與 HDD 於支架上。

Note: Please place HDD first.

注意：請優先安裝 HDD。



2. Tighten the FDD & HDD with their own screws.
鎖上螺絲，將 FDD 與 HDD 固定於支架上。



3. Put the rack into the chassis.
連同 FDD 與 HDD，將支架
安裝入系統機殼內。



4. Tighten the rack with 2 screws.
對齊螺絲孔位後，鎖上兩顆螺絲以固定支架。



■ Install FDD / HDD / 安裝軟磁碟機 / 硬碟

1. Put HDD cable in the rack clip.
拉出並固定 HDD 排線於支架下方固定夾。
2. Put HDD power connctor in the rack Clip.
拉出並固定 HDD 電源線於支架下方固定夾。



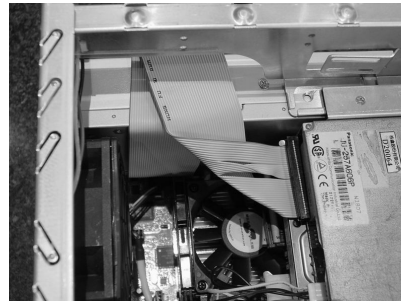
3. Link HDD cable and power connector to the HDD.

安裝 HDD 排線與電源線於 HDD 插槽。



4. Link FDD cable and power connector to the FDD.

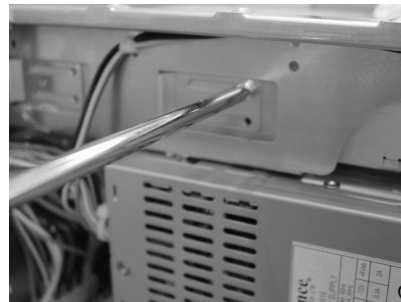
安裝 FDD 排線與電源線於 FDD 插槽。



■ Install CD-ROM / 安裝光碟機

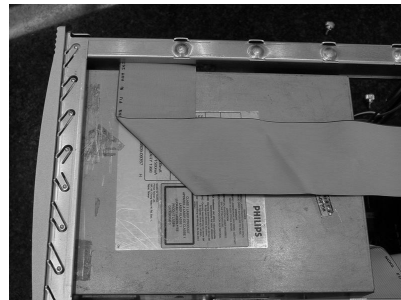
1. Put CD-ROM in the chassis and tighten with 4 screws.

安裝 CD-ROM 於系統機殼內，並鎖上四顆螺絲固定。



2. Fold CD-ROM cable and fix it on the CD-ROM with twin adhesive.

拉出並反折 CD-ROM 排線，將排線以雙面膠固定於 CD-ROM 上方。



3. Plug ATA cable to CD-ROM.
- 安裝排線於 CD-ROM 插槽。



4. Plug power connector to CD-ROM.
安裝電源線於CD-ROM 電源孔插槽.



Note: Remember to minimize the audio cable and fix it with when fabricate the CD-ROM audio cable.

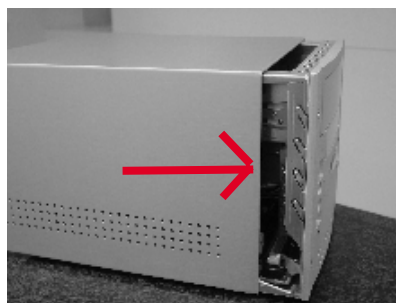
注意：組裝 CD-ROM 時，線材長度應自行整理至最短，並用束線帶固定之，以免影響系統運作。

■ Close the Chassis Cover / 安裝機殼上蓋

1. Close the chassis cover.
蓋上機殼上蓋.



2. Shut the cover and tighten it with screws.
固定機殼上蓋，並鎖上背板固定螺絲.



■ Complete / 組裝完成

