



**Installation Guide for
Intel Pentium 4 , AMD Athlon XP, Athlon 64**



GH-PCU21-FD



<Warranty coverage does not include the following>

- Incorrect method of operation or use of product not for intended use
- Operational use beyond the advised standards (eg. overclocking)
- Inability to install the product as a result of incompatibility with the motherboard used
- Damage of product as a result of other product components
- Any form of alteration to original product
- A faulty product that leads to harm or damage to other products
- Damage caused by natural disasters (eg. earthquake, fire, flood)
- Products with a warranty sticker that is removed, torn or unreadable



**Before use, please remove the bottom protective layer of the cooler.
Please make sure the computer is turned off and its power disconnected prior to installation.**

Table of Content

Checklist	4
Specification	5
Feature	5
Installation Instructions for Intel Pentium 4 Clips	6
Installation Instructions for AMD Athlon XP Clip	7
Installation Instructions for AMD Athlon 64 Clip	8

Checklist

(1) GH-PCU21-FD Cooler



(2) P4 Clips



(3) K7 Clip



(4) K8 Clip



(5) HeatSink Paste



(6) GH-PCU21-FD user's manual

Specification

- Heat Sink Dimension: 83 x 83 x 90mm
- Rated Speed: 2500 \pm 10% rpm
- Rated Voltage: 5~12V
- Noise: 23.7 dBA
- Bearing Type: Ball Bearing

Feature

- Unique design for K8, K7 and P4 platform
- Top and bottom double airflow inlet central blower
- Multi-cooling of CPU and surrounding components
- Heat pipe design
- Tool-free and easy clip install

Installation Instructions for Intel Pentium 4 Clips

Figure 1

Figure 1
Please add an adequate layer of heatsink paste on the surface of the CPU.



Figure 2

Figure 2
Figure showing the correct installation of the cooler atop the CPU.



Figure 3

Figure 3
Hook the clip on one end of the cooler with the insert space at the CPU base (as seeing left Figure 3). Firmly push downwards to clip the cooler end in place. Do the same for the other clip of the cooler to secure cooler in place.



Figure 4

Figure 4
Connect the 3-pin connector to the CPU fan connector on the motherboard. Installation is now complete.

Installation Instructions for AMD Athlon XP Clip



Figure 1

Figure 1
Please add an adequate layer of heat sink paste on the surface of the CPU. The picture on the right shows the three insert spaces on the cooler bracket where the CPU clips attach.



Figure 2

Attention!! The indication arrow on the cooler must align with the central CPU clip.



Figure 2
Place the cooler atop the CPU and insert the indication arrow side of the cooler in the space between the central jut of the CPU socket and the edge of the CPU.



Figure 3

Figure 3
Align the three spaces on the cooler with the three clips on the base of the CPU and then push firmly downwards to lock the cooler securely in place. A flat-head screwdriver can also be used to secure the clips in place.



Figure 4

Figure 4
Connect the 3-pin connector to the CPU fan connector on the motherboard. Installation is now complete.

Installation Instructions for AMD Athlon 64 Clip

Figure 1
Please add an adequate layer of heatsink paste on the surface of the CPU.



Figure 2



Figure 3

Figure 4



Figure 4
Push the lever on the side of the cooler towards the lever position on the base of the CPU to secure the cooler atop the CPU. Connect the 3-pin connector to the CPU fan connector on the motherboard. Installation is now complete.



安裝說明

Intel Pentium 4 ,AMD Athlon XP, Athlon 64



GH-PCU21-FD



【以下事項不屬於保固範圍之內】

- 使用錯誤的方法進行操作，或是用於指定用途之外時。
- 在規定的正確操作方法之外時。 例如：超頻
- 主機板等部份的規格不適合，所引起無法進行安裝。
- 因他產品的影響引起故障發生時。
- 使用時將本產品進行改裝。
- 因本產品的不良引起他產品的故障，破損。
- 因災害 地震、打雷、火災、水災 等引起的故障。
- 產品本身之保固貼紙被撕毀或破損時。



請務必將底部保護膜撕掉才可使用!
安裝前請將電腦的電源關閉，並且拔除電源插頭。

目 錄

清點附件	12
規格說明	13
特色彙總	13
Intel Pentium 4 扣具安裝方式	14
AMD Athlon XP 扣具安裝方式	15
AMD Athlon 64 扣具安裝方式	16

清點附件

整
體
中
文



(1)GH-PCU21-FD散熱器



(2)P4扣具



(3)K7扣具



(4)K8扣具



(5)散熱膏



(6)GH-PCU21-FD安裝手冊

規格說明

- 散熱器尺寸: 83 x 83 x 90 mm
- 額定速率: 2500 \pm 10% rpm
- 額定電壓: 5~12V
- 噪音: 23.7 dBA
- 軸承類型: Ball Bearing

特色彙總

- 獨特設計，適用於 K8，K7，P4 主機板
- 上下及雙面進風中央離心風扇
- 多重冷卻 CPU 及主機板週邊元件
- 熱管設計
- 免用工具即可輕鬆安裝扣具

繁體
中文

Intel Pentium 4 扣具安裝方式



圖 1

圖 1
先將散熱膏適量塗抹於 CPU 上。



圖 2

圖 2
散熱器放在 CPU 上。



圖 3

圖 3
先將扣具的一邊固定於散熱器上另一端再施壓扣緊，如圖右。再以相同方式安裝另一邊扣具。



圖 4

圖 4
將散熱器上的 3-pin 電源線插入主機板 CPU FAN 的插座上。如此即裝完成。

AMD Athlon XP 扣具安裝方式



圖 1

圖 1
先將散熱膏適量塗抹於 CPU 上。依右圖所示將扣具穿入散熱器中。



(注意!!扣具把手與標示箭頭處需同側)



圖 2

圖 2
將散熱器放在 CPU 上，散熱器上箭頭標示處對準 CPU 腳座中間凸點，插入其縫隙中(如右圖)。



圖 3

圖 3
將散熱器扣具對準 CPU 腳座的三個凸點並扣住，再施力於扣具把手將扣具壓下扣緊。若施力不便可使用一字起子輔助。



圖 4

圖 4
將散熱器上的 3-pin 電源線插入主機板 CPU FAN 的插座上。如此即安裝完成。

AMD Athlon 64 扣具安裝方式



圖 1

圖 1
先將散熱膏適量塗抹於 CPU 上。依右圖所示將扣具穿入散熱器中。



圖 2

圖 2
散熱器放在 CPU 上。



圖 3

圖 3
將散熱器扣具對準 CPU 腳座的三個凸點，並將扣具向下施力扣上。

圖 4



圖 4
再將散熱器拉桿向下扣在 CPU 腳座上的扣點，確實扣緊。最後將散熱器上的 3-pin 電源線插入主機板 CPU FAN 的插座上。如此即安裝完成。