

0dB(A)
CPU COOLER

ULTIMATE INNOVATION

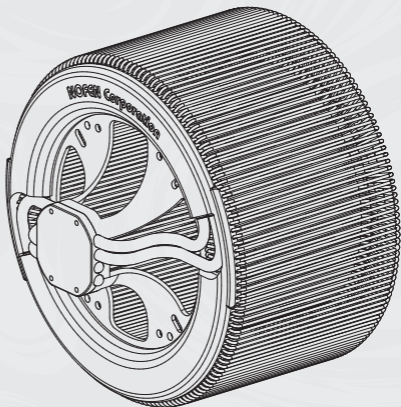
**Dust
Free**

ULTIMATE INNOVATION

Product Manual

NOFAN CR-95C

RoHS
COMPLIANT



1 CR-95C Precautions

1. If excessive force is applied on the heatsink during installation, the excessive pressure applied on the heatsink and motherboard may cause damage to the product and/or system.
2. Store and use away from the reach of children.
3. Check the condition of the product and its components before installation, and if there are any problems, contact the retailer for a replacement or refund.
4. NOFAN is not responsible for any damages that result from improper product installation or use of products in applications other than their intended purpose.
5. Read the installation instructions product thoroughly before installation. Incorrect installation may result in damages to the CPU and motherboard.
6. Boot Go into BIOS setup – Change setting from "Wait For 'F1' If Error" to "Disabled" in the Boot Settings Configuration menu.
7. Thermal grease is not intended for oral consumption.
8. Product appearance and design may be changed for improved quality without advanced notification.

2 CR-95C Features and Specifications

1. NOFAN's patented FDP(Fluid Dynamic Pressure) technology eliminates noise and vibration.
2. The entirely fanless, patented technology based, tunnel-type CPU cooler is optimized for natural convection cooling.
3. Designed for fast cooling through 4 heat pipes and 160 ICEPIPEs.
4. The wide spacing of ICEPIPEs makes dust accumulation related maintenance unnecessary.
5. The world's first absolutely silent cooler with no cooling fan.

CR-95C Specifications

Spec.	CR-95C
Material	Pure copper, Aluminum
Weight (g)	730 g
Thermal Resistance (°C/W @ 25°C amb.)	0.51
Dimension (mm)	180 _{mm} (D) X 148 _{mm} (H)

3 CR-95C Components

1. Common Components for INTEL & AMD



① CPU Cooler (CR-95C) x 1



② Thermal Grease x 1



③ CPU Fixing Bolts x 4



④ Nipples x 4



⑤ Nipple Fixing Bolts x 4



⑥ User Manual x 1

2. Components for INTEL Only



⑦ Guide Bushing x 4



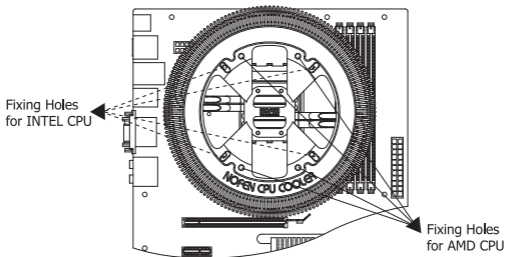
⑧ Intel Backplate x 1

CR-95C Supported Sockets and CPUs

	SOCKET	CPU
INTEL Sockets	1155	Core i5 2nd G(icl i5)
	1156	Core i3 2nd G(icl i3)
	775	Core 2 Quad Core 2 Duo
AMD Sockets	FM1 AM3+ AM3 AM2+ AM2	A6 Phenom II Athlon II Phenom Athlon X2

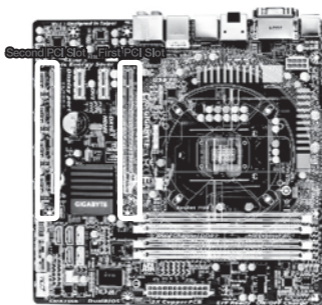
4 Prechecking before Cooler Installation

INTEL and AMD CPU Fixing Holes



CR-95C Installation Condition

NOFAN CR-95 is not designed to use the First PCI Express Slot on m-ATX but can use the second PCI Express Slot.

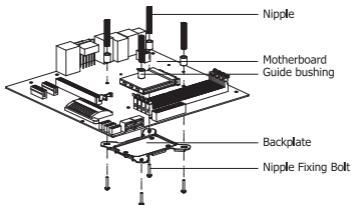


5 Installation Nipple and Backplate on M/B

Please refer to flash video at "www.nofancomputer.com" for the more detail explanation.

1. INTEL CPUs

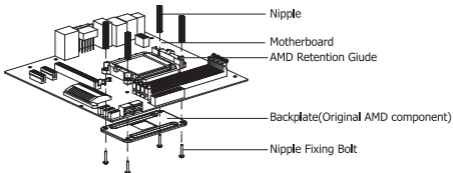
- Align the Nipples, Guide Bushings, and Backplate with the motherboard's CPU cooler installation holes as shown in the diagram.
- Fasten the Nipples, Guide Bushings, and Backplate to the motherboard by screwing in each of the Nipple Fixing Bolts through the assembly to their respective Nipples.



- Backplate installation on the intel motherboard -

2. AMD CPUs

- Remove the original screws of the motherboard's retention guide.
- Align the Nipples, Retention Guide, and Backplate with the motherboard's retention guide installation holes as shown in the diagram.
- Fasten the Nipples, Retention Guide, and Backplate to the motherboard by screwing in each of the Nipple Fixing Bolts through the assembly to their respective Nipples.



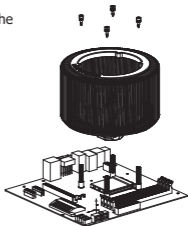
- Backplate installation on the AMD motherboard -

1. Remove any foreign materials from the surface of the CPU.
2. Apply a thin layer of the included Thermal Grease on the surface of the CPU.

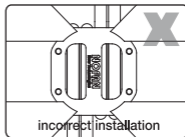
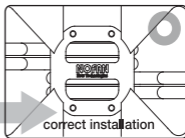
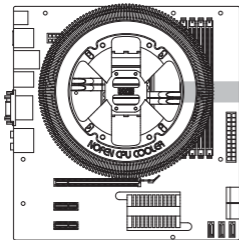


Apply thermal grease on CPU

3. Align the 4 Fixing Holes(refer to p.14) of the CPU Cooler with the 4 Nipples.
4. Install the CPU Fixing Bolts to fix the CPU Cooler on the motherboard.



CPU Cooler Installation Direction



Please refer to flash video at "www.nofancomputer.com" for more detail explanation.

6 Recommended Noise-Free Components

► INTEL System

For the latest updated information, please refer to NOFAN's website.

Recommend Component	Manufacturer	Model
1.CPU	Intel Corporation	Intel®Core™ i5 2500(Sandybridge) / Core™ i7 2600(Sandybridge)
2.CPU Cooler	NOFAN Corporation	CR-95C
3.Chassis	NOFAN Corporation	CS-60
4.Motherboard	Giga-Byte Technology Co., Ltd.	GA-H67MA-UD2H
5.VGA Card	Giga-Byte Technology Co., Ltd.	Radeon HD 5750 UDV D5 1GB Silent-Cell
6.Power Supply	NOFAN Corporation	P-400A
7.Solid State Disk	Samsung Electronics Co., Ltd.	S-470 series 2.5" 64GB SSD(MZ-5PA64Q/000)

Optimal Components for Building a NOFAN Computer System



1,CPU



2,CPU Cooler



3,Chassis



4,Motherboard



5,VGA Card



6,Power Supply



7,Solid State Disk

► AMD System

For the latest updated information, please refer to NOFAN's website.

Recommend Component	Manufacturer	Model
1.CPU	Advanced Micro Devices, Inc.	Phenom II-X6 1055T (Thuban 95W)
2.CPU Cooler	NOFAN Corporation	CR-95C
3.Chassis	NOFAN Corporation	CS-60
4.Motherboard	Giga-Byte Technology Co., Ltd.	GA-880GMA-UD2H
5.VGA Card	Sapphire Technology Limited	Radeon HD 5750 UDV D5 1GB Silent-Cell
6.Power Supply	NOFAN Corporation	P-400A
7.Solid State Disk	Samsung Electronics Co., Ltd.	S-470 series 2.5" 64GB SSD(MZ-5PA64Q/000)

Optimal Components for Building a NOFAN Computer System



1,CPU



2,CPU Cooler



3,Chassis



4,Motherboard



5,VGA Card



6,Power Supply



7,Solid State Disk

7 Warranty and Servicing

1. **Warranty Period** : 1 year from the date of purchase
2. **Free Service** : Free Service will be provided for manufacturing defects reported within the Warranted Period.
However, Free Service is invalid in the following cases:
 - Problems caused by neglecting the warnings and notices of this manual.
 - Damages or deformations caused by the user's intent, fault, or lack of caution.
 - Deformations or malfunctions caused by the user's modification of the product.
 - Damages to the computer or its components caused by excessive over-clocking.
3. **Charged Service** : Charged Service is available for problems reported after the Warranty expires.
4. **Refund and Exchange**
 - 1) **Refund** : A Refund is only available if returned to the original retailer with a valid sales receipt within 10 days of purchase, and the product/packaging are not damaged.
 - 2) **Exchange** : If the product shows deterioration or malfunctions within 30 days of purchase, the product can be exchanged for a new product.

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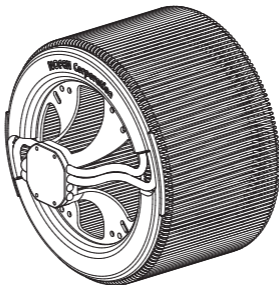
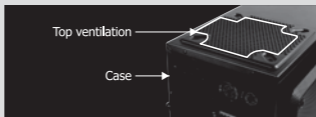
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WARNING

Cases must have top ventilation for
NOFAN CPU cooler(CR-95C) to
perform natural convection cooling.



CR-95C

NOFAN
NOFAN Corporation

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