

ALPHA

# PAL60 Installation Guide

Dec,2001

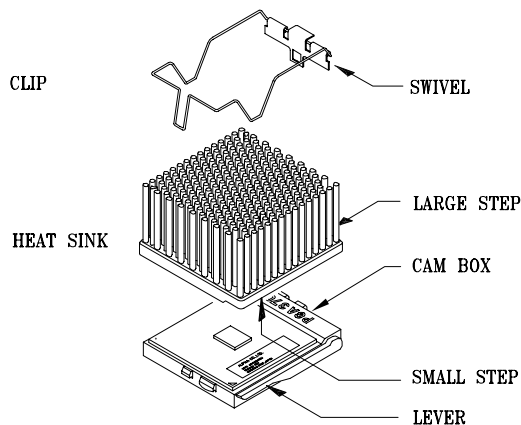
X001ZF0J-02

Please verify that all parts are contained in the package per the following matrix.

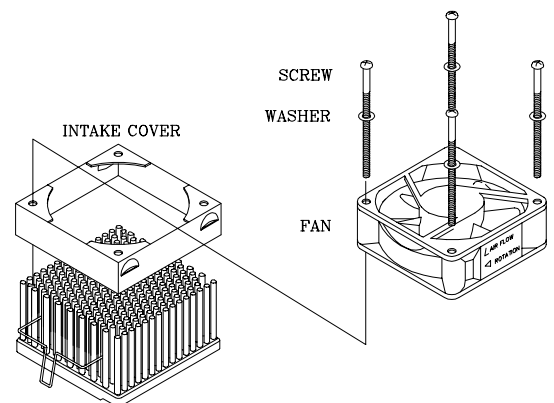
PARTS	QTY	MODEL		
		PAL6035 , PAL6030		
		AC	MFC	MUC
HEAT SINK	1	○	○	○
INTAKE COVER	1		○	○
CLIP CL57G	1	○	○	○
SCREW (to attach fan)	4		○	○
WASHER (to attach fan)	4		○	○
FAN (60sq.)	1		○	○
THERMAL GREASE YG6260-5	1			○
PAD	1	○	○	○

**STEP 1** Make sure the heat sink does not interfere with socket lever etc before trying to assemble the heat sink unit. Note proper location of the steps in the heat sink base. The small step goes over the lever arm. The large step goes over the Socket cam box.

Be sure to insert the clip in the direction shown in the following figure. The swivel portion of the clip should attach to the cam box side of the Socket.



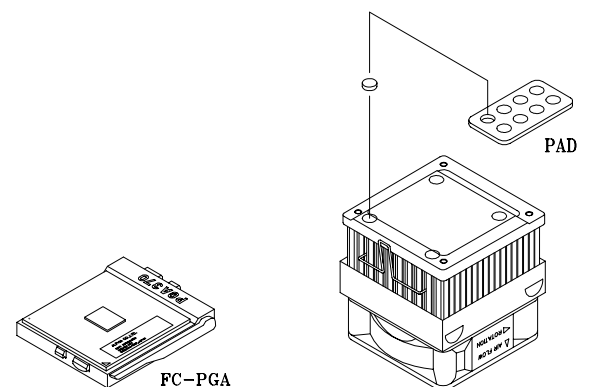
**STEP 2** Assemble as diagram below : (Please peel off the white sheet from intake cover. This cover prevents damage during manufacturing.)



**STEP 3** The base is coated with oil that prevents oxidation. Remove this coating with a clean cloth. To ensure proper bonding of PADS (see below), the use of a mild solvent, such as isopropyl alcohol or acetone(nail polish remover), would be ideal.

**STEP 4**

- For the attachment to FC-PGA.  
Apply PADS to the four points on the heat sink base shown in the right-hand side diagram. (PADS which remain are spares.)
- For the attachment to Athlon, Duron and PPGA chips, do not use PADS.



**STEP 5** Apply thermal grease to heat sink and CPU thinly and evenly.

NOTE : Applying excessive thermal grease causes decrease in thermal performance.

To avoid possible board damage, do not use excessive force. Make sure the clip is installed correctly on socket tab.

**STEP 6** Final assembly inspection:

Prior to powering up the CPU, visually inspect the heatsink to ensure it is sitting level on the CPU.

Ensure that the heat sink base is only making contact with the CPU die, not the socket cam box or lever arm.