

XENON (XE) SERIES – Assembly Guide for LGA4677, LGA4189 Socket Coolers

1. Please wear ESD gloves to protect the processor and CPU socket before installation process
2. Install the processor first with the plastic carrier. Align the golden color triangle mark with the hollow triangle mark on the carrier, then align the key on the processor LHS cover and side, push the processor and confirm the 4 clips securely locked (Figure 1 & 2)

Note: the carrier latches must be fully engaged with the keying slots on the edges of the processor and the processor must be securely seated on the carrier after insertion.

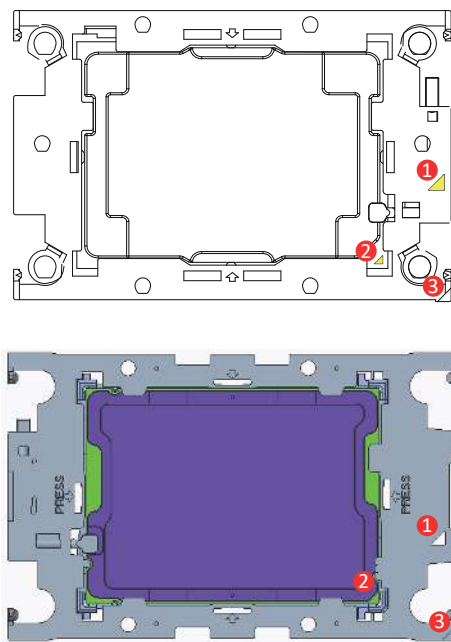


Figure 1

1. Hollow Triangle Marker on the Carrier

2. Pin-1 Golden Triangle Marker both on CPU Top and Bottom Substrate

3. Solid Triangle Marker on the Carrier

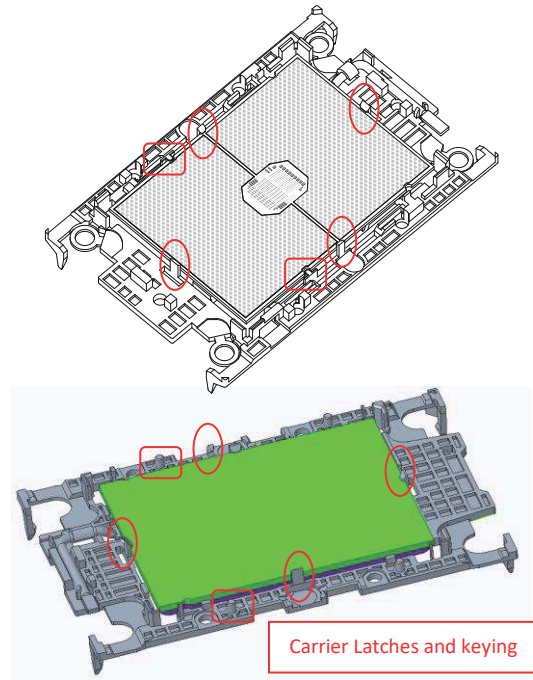


Figure 2

Carrier Latches and keying

3. Remove the heatsink from its packaging and remove the protection cover of Thermal Interface Material (TIM). The required amount of TIM has been pre-applied on the bottom of the heatsink. Inspect the pre-applied TIM for any damage before use.

4. Identify processor Pin 1 and onboard socket Pin 1 to decide the heatsink installation direction; for certain motherboards, the Pin 1 location will be different with CPU1 and CPU2. (Figure 3 & 4)

Note: The complete assembly of processor, carrier, and heat sink is called Processor Heat Sink Loading Module (PHLM) or Processor Heat Sink Module (PHM).

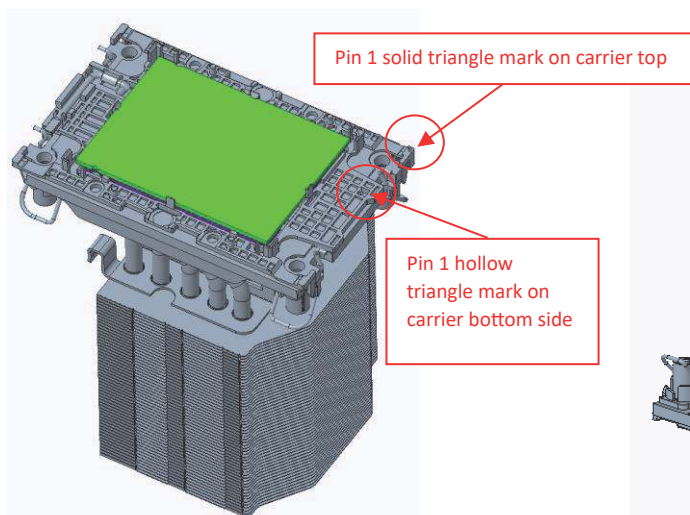


Figure 3

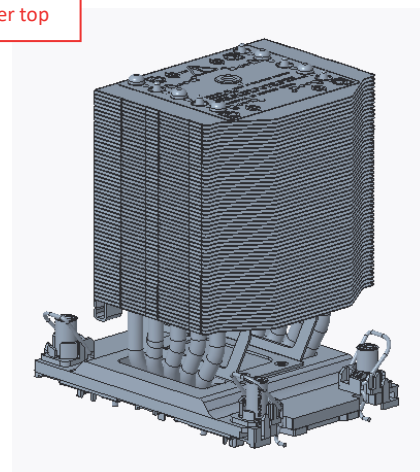


Figure 4

5.Before assembling PHM on bolster plate, follow the sticker instructions to ensure all wires are in unlocked position. Install PHM on bolster plate, and move all wires to locked position, then use Torx T30 screwdriver to tighten each nut of 8 LBF-IN (0.904 N-M) (Figure 5 & 6)

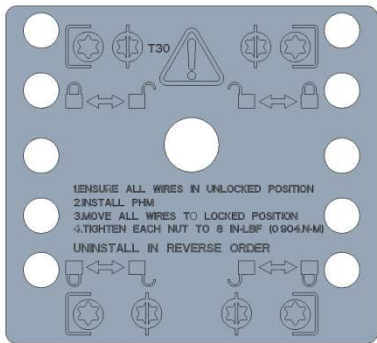


Figure 5

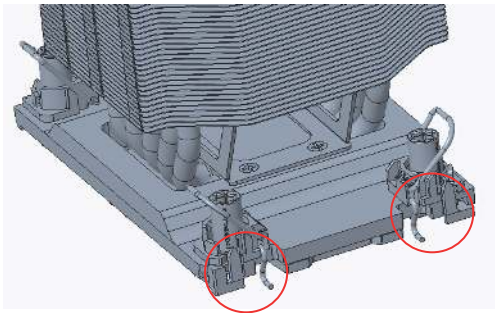


Figure 6

6.For XE04-4677 / XE04-4189, install the heatsink cooling fan with the fan holder assembly onto the heatsink fin array and make sure that it is fully secured with the heatsink bracket, then tighten the single locking screw on top of the fan holder assembly to the heatsink. Lastly, plug in the 4 Pin fan connector to a motherboard fan header.

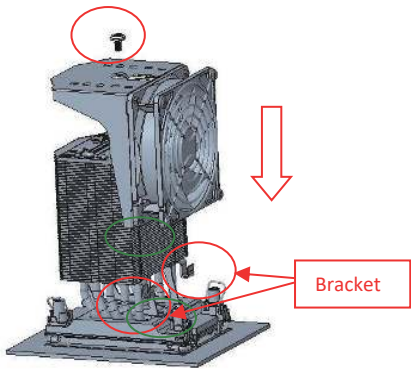


Figure 7

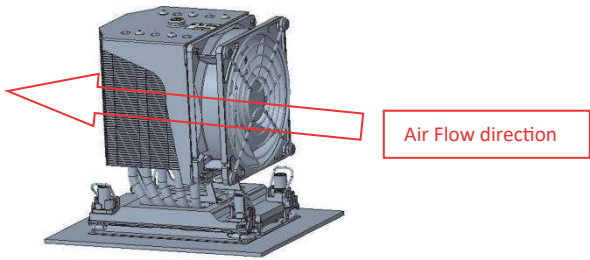


Figure 8

Warranty Information

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Additional info & contacts

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBBs)	多溴二苯醚 (PBDEs)	
电机组件	0	0	0	0	0	0	
金属结构件	0	0	0	0	0	0	
塑胶结构件	0	0	0	0	0	0	
线缆/连接器	0	0	0	0	0	0	
介面/其它	0	0	0	0	0	0	
包装材料	0	0	0	0	0	0	
辅助材	0	0	0	0	0	0	

本表格依据SJ/T 11364的规定编制
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