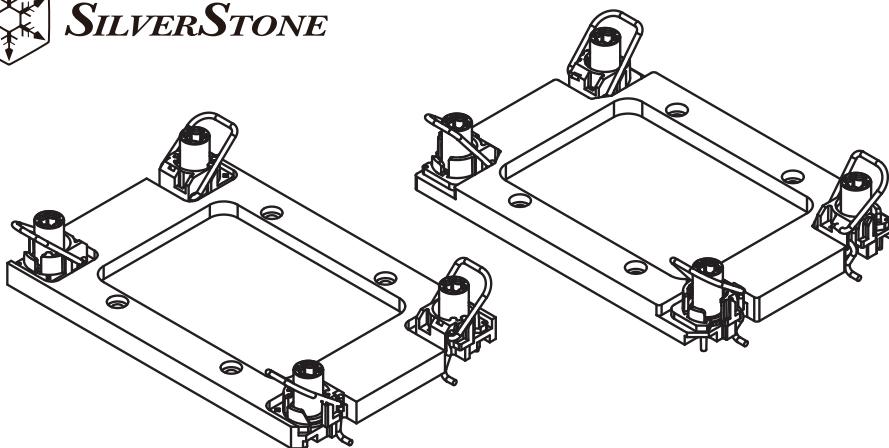




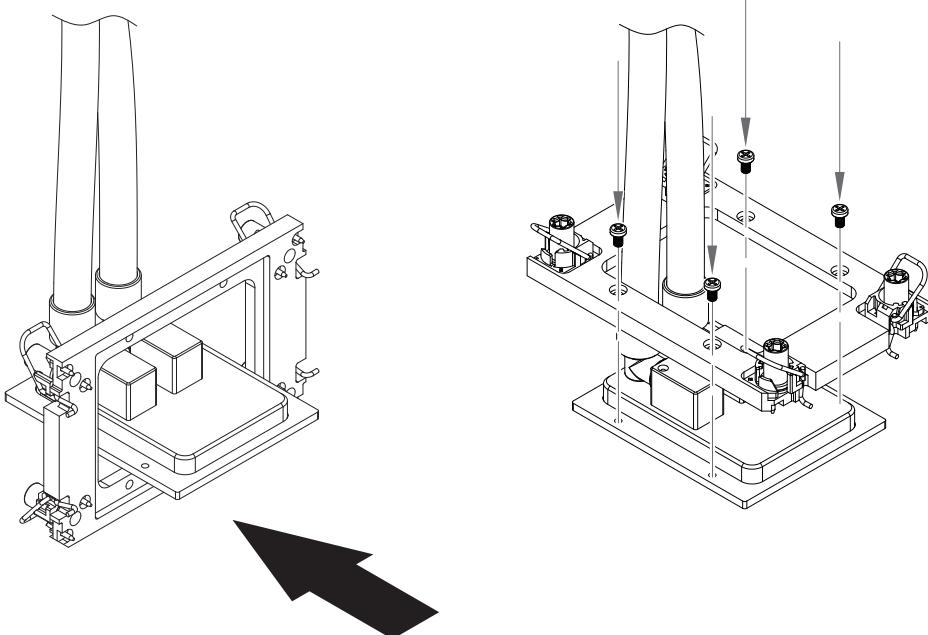
**SILVERSTONE**



## **XAC-MK-4710 XAC-MK-4189**

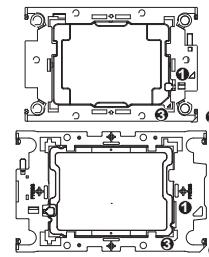
**User manual**

[www.silverstonetek.com](http://www.silverstonetek.com)

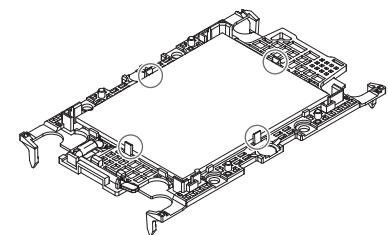


1. Please wear ESD gloves to protect the processor and CPU socket before installation process
2. Install the processor first with the plastic carrier. Align the golden color triangle mark with the hollow triangle mark on the carrier, then align the key on the processor IHS cover and side, push the processor 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.



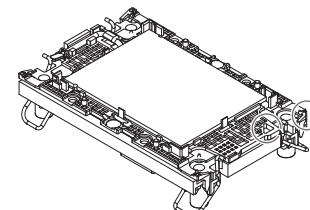
- ① Hollow Triangle Marker on the Carrier
- ② Pin-1 Golden Triangle Marker both on CPU Top and Bottom Substrate
- ③ Solid Triangle Marker on the Carrier



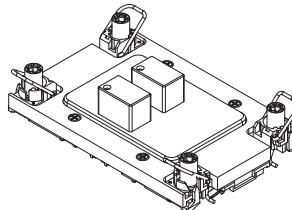
**Figure 2**

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).

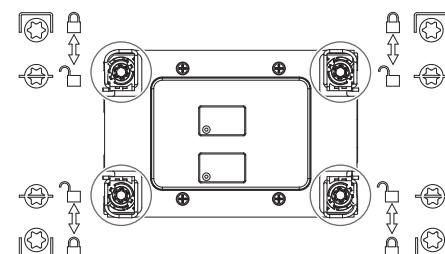


**Figure 3**

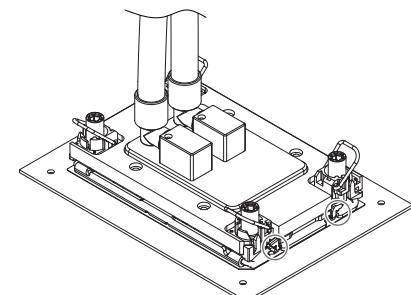


**Figure 4**

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**