

WORKING WITH HEATSINKS

DIFFERENT MECHANISMS OF HEATSINK ATTACHMENT

- Screwed down at corners (PC)
- Clips/catches (older style)
- Heatsink/pipe assembly screwed down by frame (most laptops)
- Some heatsinks are stuck on!

PROCESS

- Remove heatsink assembly (gently)
- Clean heatsink of goop
- Clean chips thoroughly and prepare for thermal interface material
- Apply TIM
 - o Blob method
 - o Spread method
 - o Thin and air-free
 - o No excess – conductive!
 - o Consider quality and lifespan
- Fit heatsink
 - o Even and steady
 - o Balanced pressure

ALWAYS TEST AFTER REMOVING AND REPLACING A HEATSINK

- For faults
- For improvement of temperatures
- Thermal paste can bed in over time