Renxin .Thermal Categories and Technology Roadmap

- Types of Heatsinks in Conventional Manufacturing Processes
  - Stamping
  - Extruded profiles for Aluminum
- Heatsinks Based on Advanced Manufacturing Processes
  - Die Casting
  - Cold Forging fin & pins
  - Skived Fins
  - Bonded Fin
  - Bending and Welding
  - Copper–Aluminum Composite Structures
  - CNC Machining
- Advanced Heatsink Technologies and Manufacturing Processes
  - Fan + Heatsink Assembly
  - Phase-Change Heat Transfer Technology
    - Heat Pipe
    - Vapor Chamber
    - Micro Chamber
  - Liquid Cold Plate (LCP)
    - Conventional Embedded Tube Process (Copper or Stainless Steel Tubes)
    - Friction Welded Cooling Channels
    - Vacuum Brazing or Controlled Atmosphere Brazing
    - Diffusion Bonding
  - Graphene and Nanocarbon Materials