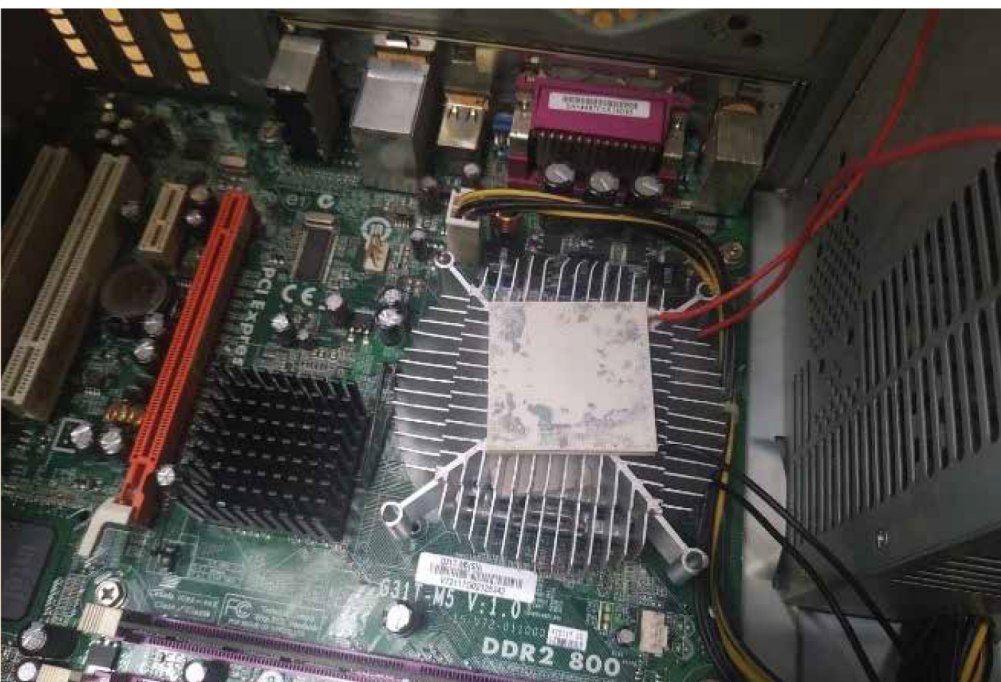


Electronic gadgets such as laptops, phones and tablets have a processing unit called microprocessor, which does all the work of transferring the data and follows instructions to complete the task assigned by the user. While working, these processors produce heat. This heat is as high 80-degree Celsius, which can cause second degree burns; on high exposure, it can even lead to third degree burns. To avoid this, a heat sink that can dissipate around 60-70 degree Celsius is used. A teg sink, developed by the team, can be more effective than the traditional heat sinks.

Features

- A teg sink controls heat dissipated from the system
- When the system is under normal workload, it produces less heat, which the teg sink converts to electrical energy. This, in turn, can be used for charging phones and laptops. In the case of PCs, it can be used to run low powered fans
- The turbo cooling property of the teg sink comes in handy when the system is on high load leading to more heat dissipation
- Cost is cheaper than existing market solutions at INR 1000
- Has a lifetime of 100,000 hours
- Better solution compared to the expensive liquid-based coolant



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PROJECT

TEG SINK

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