



Heat Sink Thermal Solution Product Guide



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Heat Pipe



Different Heat Pipe Diameters for Your Applications



- Diameter
2~12mm
- Special Application
Stainless Steel pipe
Flexible pipe

Vapor Chamber



Variety Sizes for Your Applications

- Thickness
0.4~8mm
- Max. Size up to
300x200mm



Smart Phone



Features

- Ultra Thin
- Lightweight
- Prevent Local Hot Spot
- High Thermal Conductivity

Camera



Features

- Fit Tiny Space
- Able to Meet any Mechanical Designs
- Prevent CCD Module Overheat
- Floating Design

Tablet



Features

- Excellent Thermal Conductivity
- Alleviate Hot Spot Issue
- Thin Layout Applications

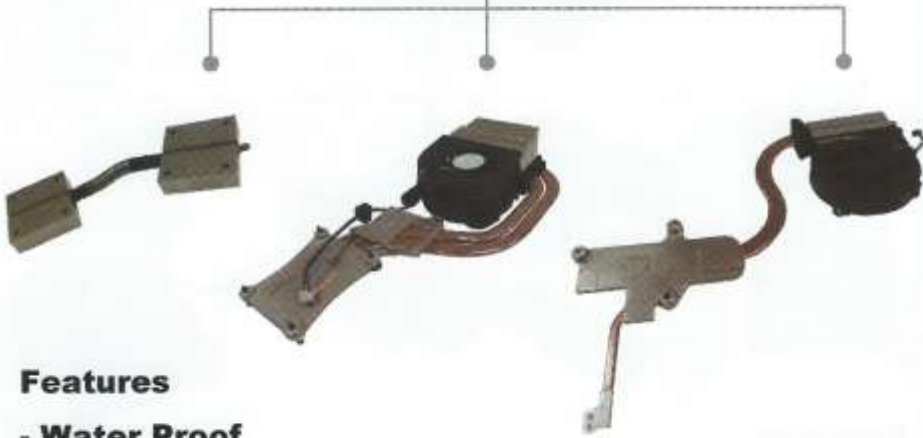
Notebook



Features

- Meet Constant High CPU Frequency Operation
- Slim Modules Available
- Meet Multi Chips Applications

Rugged PC



Features

- Water Proof
- Isolated from Dust
- Robust
- Shock Resistance

Desk-top Computer



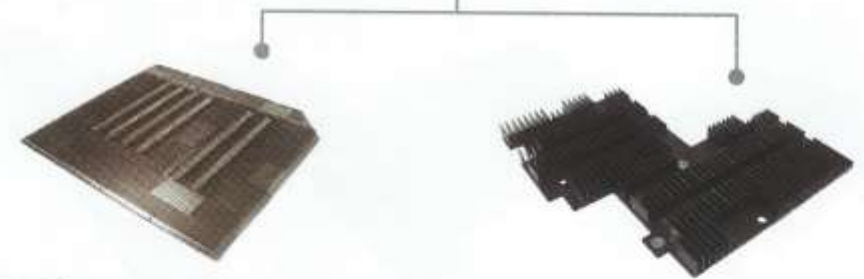
Features

- Meet All Formfactor Requirements
- Excellent Quality Meet Cost Budget



Features

- Meet High Power CPU Requirements
- Complete Product Line Meet All Formfactors



Features

- High Reliability
- Long Durability
- Easy Installation

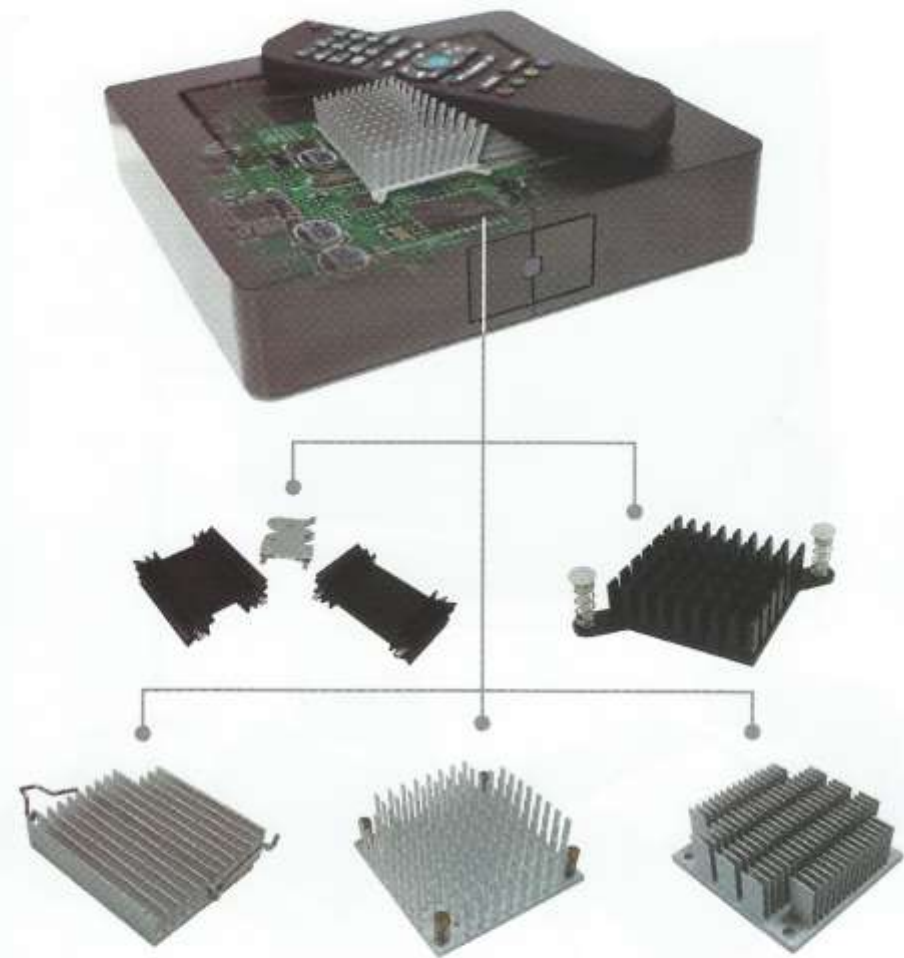
Workstation Liquid Cooling



Features

- Less Acoustics Issue
- Energy Saving
- Excellent Performance for High Power Applications

Setup Box



Features

- Compact Size
- High Cost Efficiency
- Variety Designs



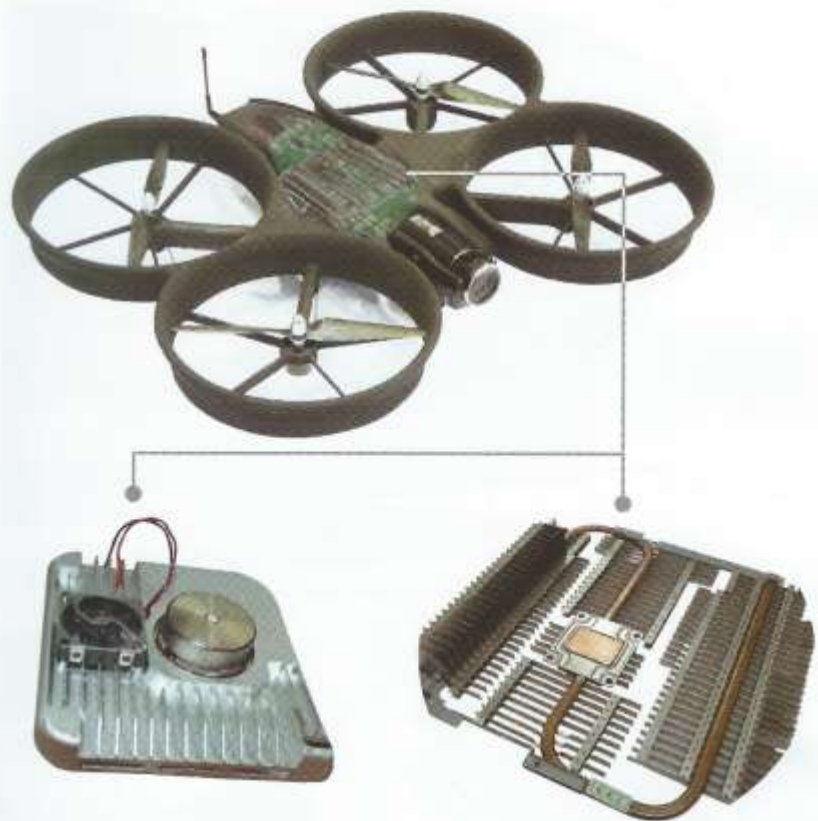
Features

- Cost Effective
- High Thermal Performance



Features

- Alleviate High LED Temperature
- Small and Lightweight



Features

- Lightweight
- Rigid
- Compact Size



Features

- Excellent Quality
- Outstanding Reliability
- High Thermal Effectiveness

**Features**

- Suitable for Variety Lightings
- Enhance LED Brightness
- Extend Power Supply Life

**Features**

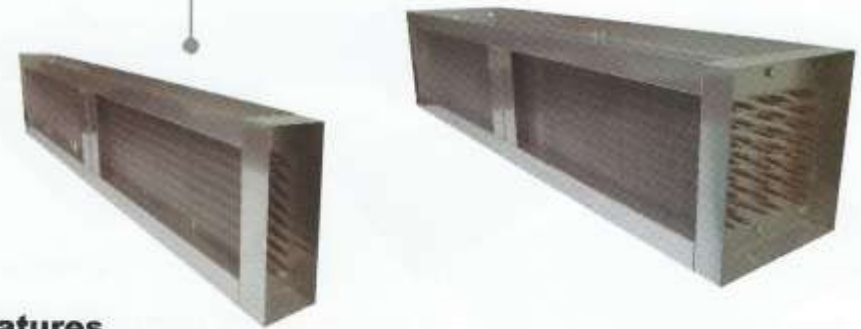
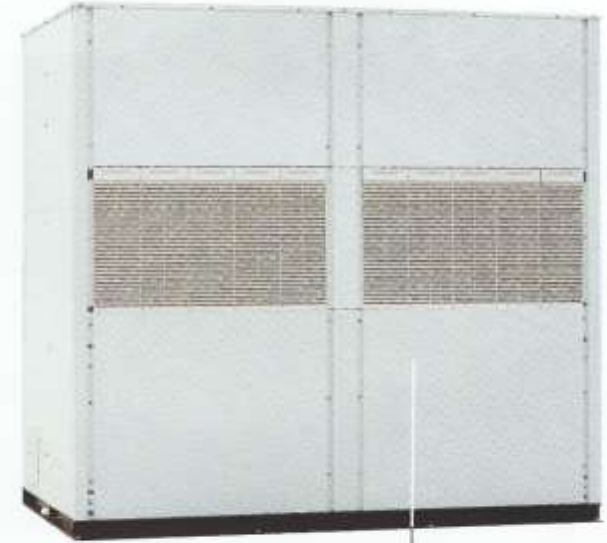
- Custom Designed Products
- Variety Surface Treatments
- Multi Layer Anodizing for Variety Colors

Tableware



Easily Enjoy Your Life

Air Conditioning Heat Exchanger



Features

- **Excellent Heat Exchange Efficiency**
- **Energy Saving**
- **Environmental Friendly**

Surveillance Camera



Features

- Water Proof
- Rigid Design
- Weather Resistance

Solar Panel



Features

- High Thermal Performance
- Low Electric Resistance
- Weather Resistance
- Variety Sizes

- Thermal Module Design

Design from you concepts, sketch and build up 3D models to fit your mechanical limitations.



- Simulation

Verify designs before samples built.



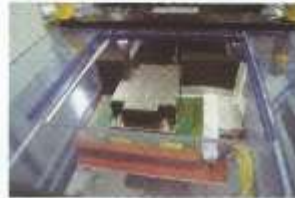
- Prototype

In house work shop with CNC, Lathe, Milling..... machines provide quick return.



- Verification

After samples built, thermal properties test in a well equipped laboratory.



- Equipment



Thermal Oven



Helium Leakage Tester



Wind Tunnel



Thermal Shock Chamber



Salt Spray Tester



Programmable Temperature & Humidity Chamber



Heat Pipe / Vapor Chamber Performance Tester



Nature Convection Chamber