

Diversity *of* Specialty

THERMAL SOLUTIONS



Your One-Stop solutions

- Standard -
- Customizations -

CPU Coolers

Intel & AMD CPU coolers

Thermal Modules

Heat Sinks

AL/Cu Standard sizes, Customized sizes
(extrusion, forge, stamping, skive, die casting, machining)

System Fan

Std, Pico, WP, Frameless, 24V

Heat Spreader (均温片)

Liquid Cooling Assemblies

Fan Tray

Enclosure Kits



CPU COOLER



THERMAL MODULE



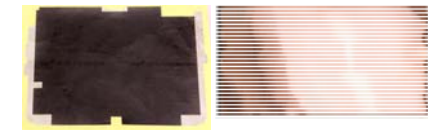
SYSTEM FAN



HEAT SINK-AL & CERAMIC



LIQUID COOLING



HEAT SPREADER : COPPER & GRAPHITE



TOP COVER THERMAL MODULE



Total Solution : Enclosure



FAN TRAY

Target markets



- Factory Automation
- IGBT Cooling
- Transportation
- Storage & Server
- Telecommunications
- Medical
- Instrumentation
- Wearable device
- Gaming
- Smart Home



DC load



IGBT



Box PC



Wearable device



Smart Home device



Telecommunications



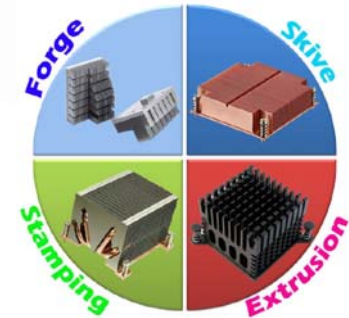
Server & Storage



Kitchen Appliance

Save Your Time/ Cost

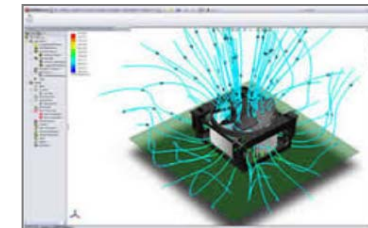
1. Diverse Thermal Management Know-how & Experience
2. Mechanical 2D & 3D Design Capability
3. Accurate Thermal Flow Simulation
4. Quick Making Sample
5. Rigorous Test & Verification
 - CPU Cooler : Thermal Resistance Test
 - CPU Cooler : Compress Force Test
 - System or PCBA : Burn in Test
 - Fan : RPM Test
6. Taylor made Integration : Fan Tray Assembly & Enclosure



Diverse Process



Cooler Compress Force Tester



Thermal Flow Simulation



Total Solution : Enclosure



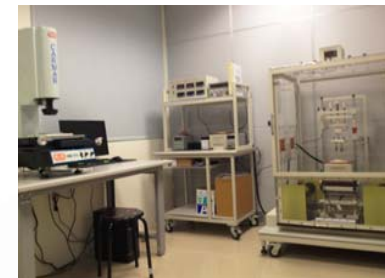
PWM Controller Kit



Fan RPM Tester

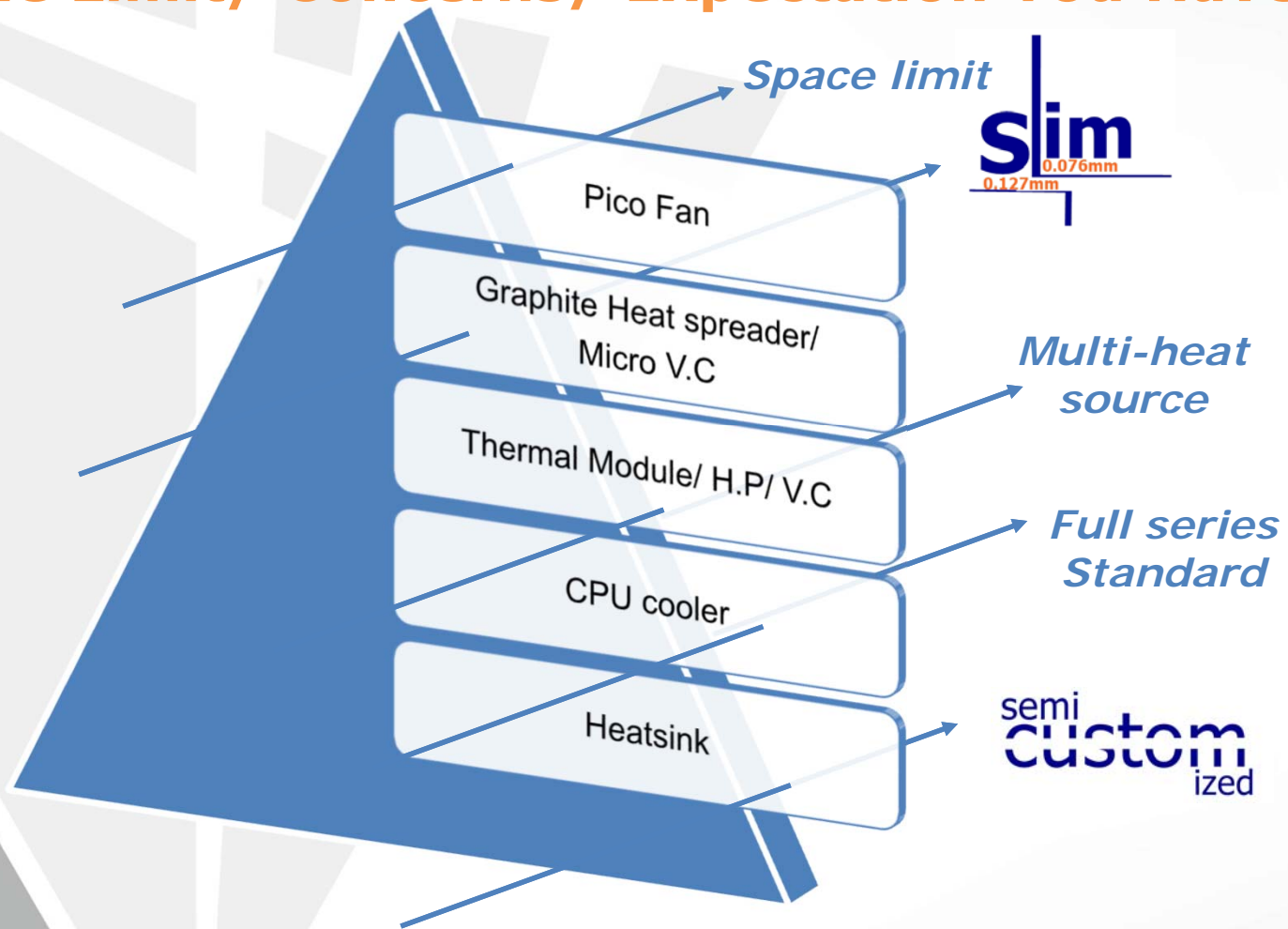


Quick Making Sample



Thermal Resistance Test

Resolve the Limit/ Concerns/ Expectation You Have



From *few watt* to **Kilo watt**

We have a great diversity of thermal products, ranging from the smallest board level cooling solution to several kilowatts industrial applications. Industries served include Power Conversion, Information Technology, Telecommunications, Transportation, Aerospace/Defense, LED Lighting, Factory Automation, Consumer, and Medical.



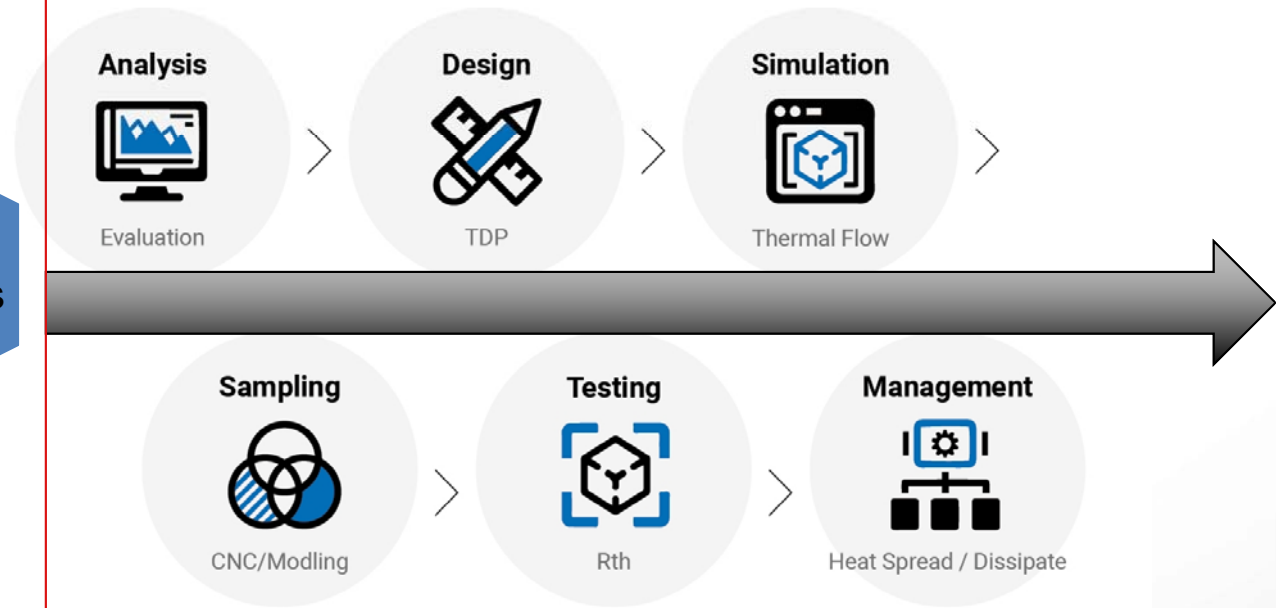


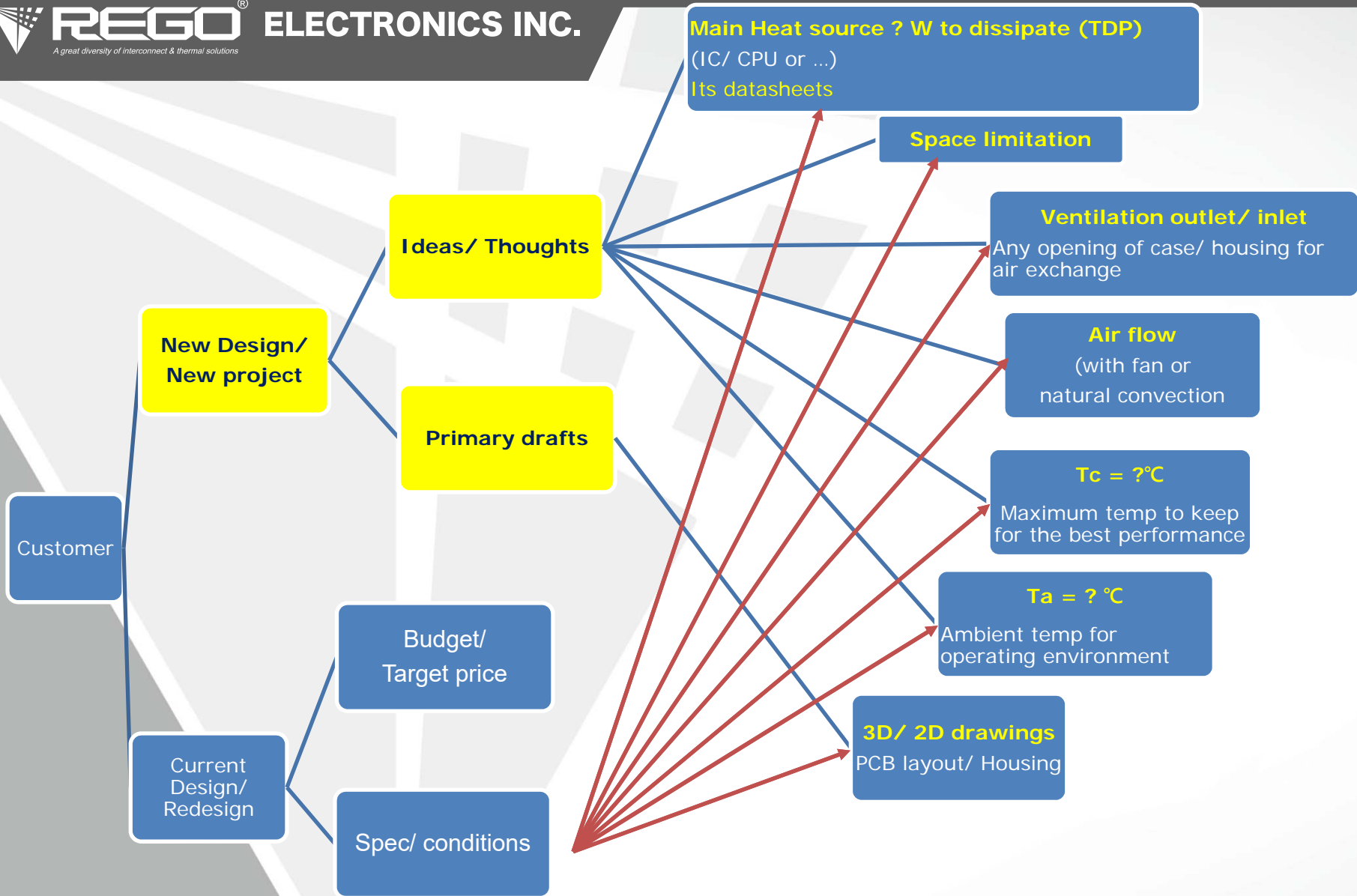
REGO[®] ELECTRONICS INC.
A great diversity of interconnect & thermal solutions

How We Resolve



Realize your ideas, meet your thermal need







REGO[®] ELECTRONICS INC.
A great diversity of interconnect & thermal solutions

Before your investment



Evaluation via simulation & sampling

Thermal component technologies

Heat transfer

Heat sinks, fans, heat pipes, vapor chamber, heat pipes, TIM, liquid cooling

Hardware

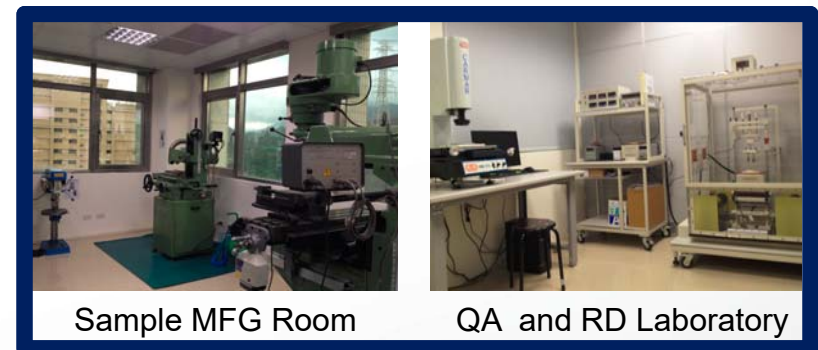
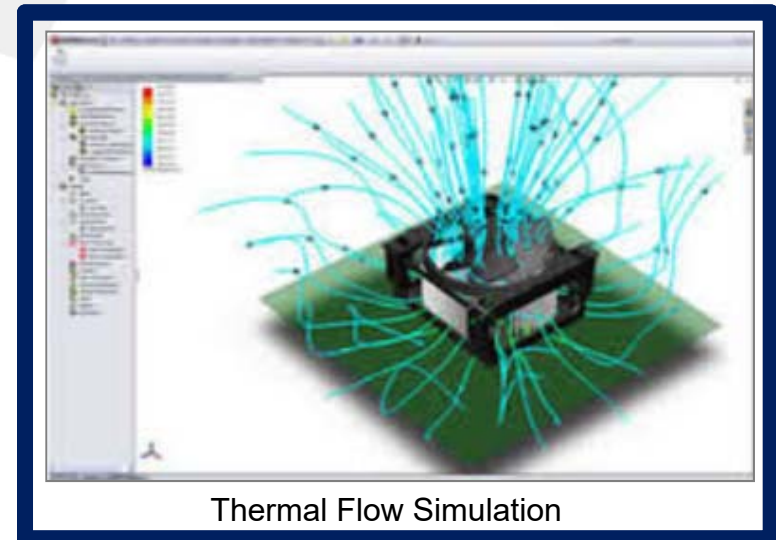
Screw, spring, backplate, push pin, Z-clip, BGA-clip

Mechanical 2D & 3D Design

Thermal Flow Simulation

Quick Sampling

Thermal Resistance Test





REGO[®] ELECTRONICS INC.
A great diversity of interconnect & thermal solutions

Easier selection from standards



Standards Available for IPC

- CPU COOLER



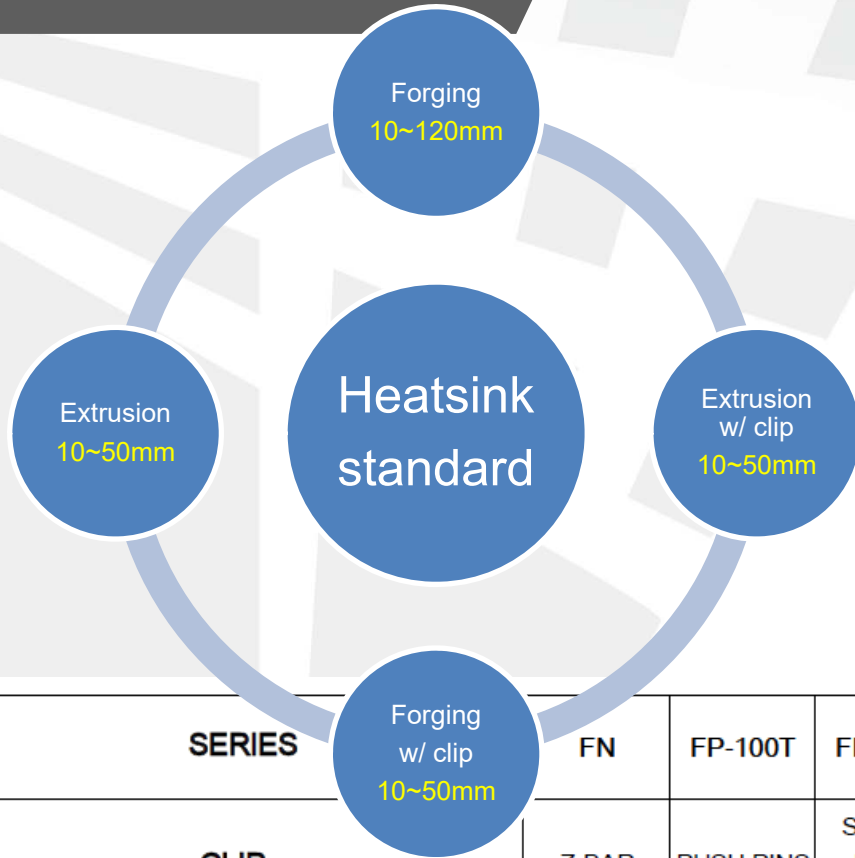
Desktop Processors
Intel Socket 115x
65~130 watts



Mobile Processors
Intel Socket 989
& BGA Type
10~47 watts

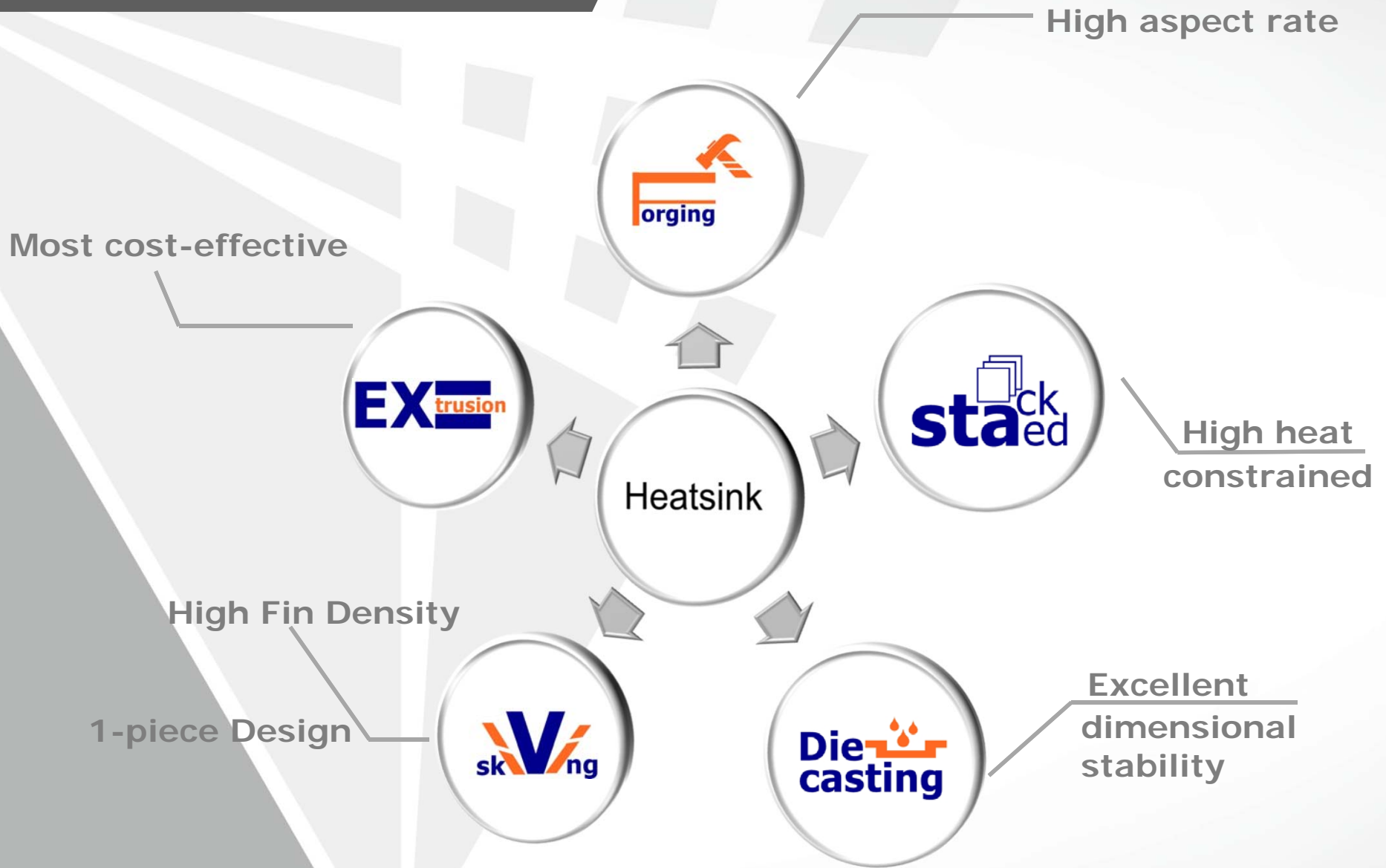


Server Processors
Intel Socket 2011
95~150 watts



SERIES	FN	FP-100T	FP-200T	FP-300T	FE-100T	FE-200T	FE-300T
CLIP	Z-BAR	PUSH PINS	SCREW BACK PLATE	COPPER PUSH PINS	PUSH PINS	SCREW	COPPER PUSH PINS
L x W x H (mm)							
25x25mm(H=6,8,10,15,20mm)	◆				◆	◆	◆
40x40mm(H=6,8,10,15,18,20mm)	◆				◆	◆	◆
50x50mm(H=6,8,10,15,18,20,25,30mm)	◆	◆	◆	◆	◆	◆	◆
60x60mm(H=6,8,10,15,20mm)	◆	◆	◆	◆	◆	◆	◆

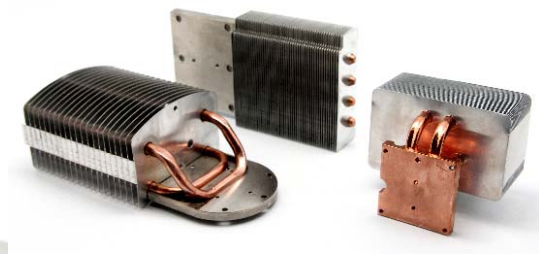
More Options in Customization



Tailor Made Thermal Module

REGO specialized in tailor made thermal module business. We take advantage of diversified heat sink technologies such as extrusion, skive, forge, stamp, die casting & CNC machining. According to the different need of each project, our design engineers will integrate heat pipes, vapor chambers, cooling fans into a tailor made thermal module.

Integrated Heat Pipe Assembly



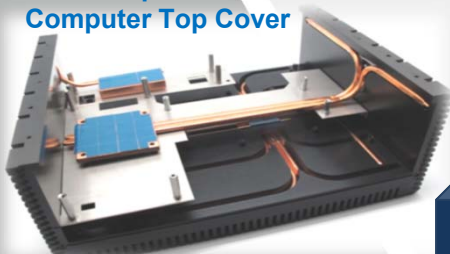
for Medical Pad



for DC Electronic Loads



for Transportation
Computer Top Cover



Space saving

Total cost-effective

Considerate Design

Perfect Matching your demand

Fulfilling the special requirements

Application vs CPU Cooler



AI Edge Computing



Medical AIO



Gaming Mini PC



Industrial BOX PC



1U Cooler



2U Cooler



3U Cooler

Application vs Thermal Module



Storage



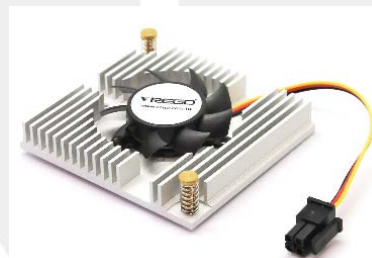
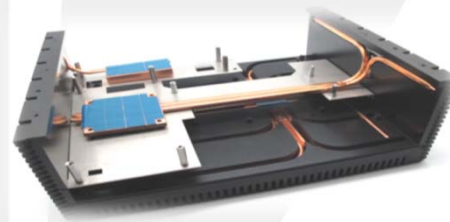
Industrial



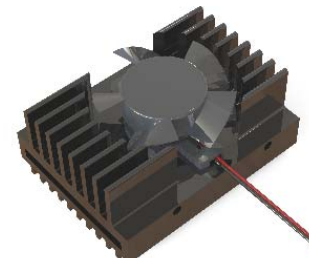
Medical



Test Equipment



FPGA Cooler



5G M.2 Module Cooler

Application vs Heat Sink

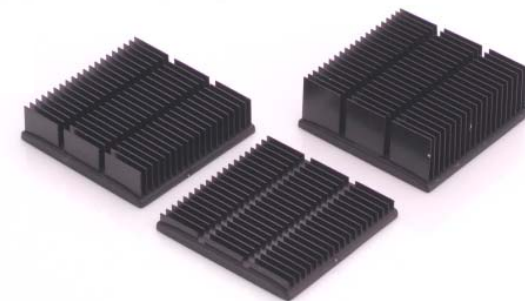


ATCA System

**LT & LF series
(Highest-Density Fins)**



ATCA Blade



Make your products

"Values added" ...

Precisely
Meet

Precisely meets your expectation & Demand

Design
& Plan

Design & Plan with ease via our supports

Cost-
effective

Cost-effective for great ROI (Return of Investment)

High
Reliability

High Reliability to erase the concern of product supply.

Our Customers

EMBEDDED



INDUSTRIAL



NETWORKING





THANK YOU!

**OUR TEAM IS COMMITTED TO PROVIDE
QUICK RESPONSE AND PRO-ACTIVELY
ASSIST OUR CUSTOMERS**

THERMAL@REGO.COM.TW