



POWERING DATA CENTERS WITH *THERMAL & FIBER* *MECHANICAL* INNOVATION

HEAT SINKS • FIBER OPTIC MODULES





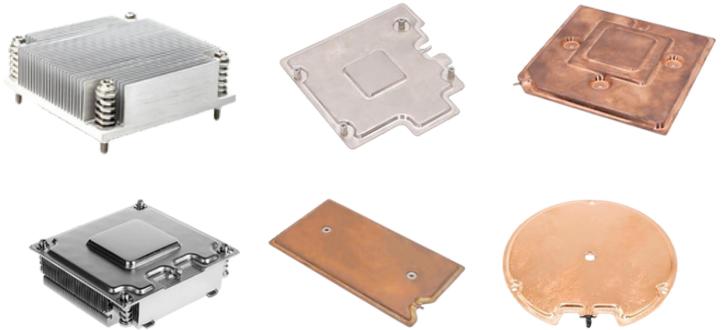
HEAT SINK SOLUTIONS

At PinJack, we design high-performance heat sinks that keep datacenters cool, efficient, and reliable. Our solutions optimize airflow and thermal transfer, preventing overheating and reduce energy costs.

THERMAL SOLUTIONS

VC (VAPOR CHAMBERS) COOLING MACHINE

Vapor chambers spread heat evenly across surfaces by using a sealed, fluid-filled chamber. As components heat up, the liquid inside evaporates, moves heat away, and then condenses back into liquid—providing fast, uniform cooling.



LIQUID COOLING MODULE & WATER COOLING PLATE

These modules circulate coolant directly over high-power components, absorbing heat more effectively than air cooling. The heated liquid is then transferred away and cooled, allowing servers to handle greater workloads without overheating.



MSA-compliant fiber optic solutions designed for high-speed, secure, and scalable data transmission.



FIBER OPTIC MODULES, MECHANICAL SOLUTIONS

PinJack's fiber optic modules are built for speed, reliability, and scalability in today's data centers. Fully *MSA Compliant* and designed for high-bandwidth performance, they ensure fast, secure, and efficient data transmission to keep networks connected and future-ready.

OUR CAPABILITIES

DIE CASTING

High-precision die casting to support the demanding needs of modern data centers. Delivers lightweight, durable, and thermally efficient components.



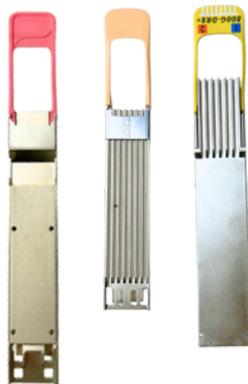
EMI GASKETTING

High volume capabilities of applying FIP gaskets for EMI, thermal and component isolation materials. Our strong relationships with FIP material suppliers have allowed us to refine the highest precision bead placement at the most efficient costs.

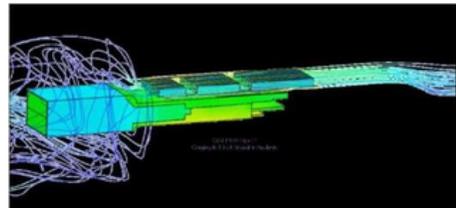


RELEASE MECHANISMS

Precision release mechanisms that ensure secure, stable connections while allowing quick, easy disengagement when needed. Designed for durability and reliability, they simplify data center installation and maintenance without compromising performance.



DESIGN & DEVELOPMENT



PinJack's design and development team transforms complex concepts into innovative, manufacturable solutions tailored for data centers. From prototyping to production, we deliver precision-engineered products that meet performance, scalability, and reliability needs.

OUR LOCATIONS

Fremont,
CA, USA

Dongguan,
China

Taiwan

LET'S WORK TOGETHER



Partner with PinJack to bring advanced thermal, fiber, and mechanical solutions to your data center. Our team is here to answer questions, discuss your project needs, and explore how we can support your goals.

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