Silicon Mechanics is an open-technology solutions integrator of hardware and software infrastructure for Cloud, High-Performance Computing, Software Defined Storage, and Custom Manufactured solutions.

For over 15 years, our commitment to customer service, and **Expert included.** approach has enabled organizations to deploy purpose-built compute and storage solutions. Offering customers deep technical experience, along with our defined build methodology, we partner with customers to architect, build, deploy and support custom solutions.

Open-Technology Solutions Integration

Cloud Computing Solutions
A Private or Hybrid cloud computing solution can bring your business or organization to a new level of agility and efficiency, but getting started on the process of cloud implementation presents immediate and complex obstacles. Silicon Mechanics will work with you to design a cloud solution tailored to accommodate your current and future growth requirements for performance, legacy technology and workloads.

HPC Solutions
Silicon Mechanics is a trusted partner in HPC. We make it simple to configure, deploy and manage HPC infrastructure solutions to support the most demanding computing workloads. Offering turn-key and customizable cluster solutions, with various performance storage options, and accelerated computing choices - we can help you.

Storage Solutions
If you are evaluating a new file storage solution to support your Scale-Up or Scale-Out NAS/SAN infrastructure - we can help. If you're looking to grow your IT infrastructure with a Scale-Out High-Performance storage solution or a Parallel File System - we can help. Maybe you need to take control of your growing unstructured data, and you're wondering if an object-oriented storage solution is right for you - we can help.

Custom Manufacturing Solutions
Offering Full-Service Custom Manufacturing and Operations services, your custom appliance needs can be designed to meet the technology requirements of today, with the forward insights to architect a platform capable of transforming with technology advancements at scale. In search of engineering expertise or design services? Challenged with how best to manage the lifecycle of your appliance build? We can help you.

Infrastructure Building Blocks

Servers

Offering the latest server technology for unrivaled performance, flexibility, scalability and serviceability that is ideal for demanding workloads.
- Multiple processors, drive types and form factors to meet your needs
- Platform of choice for supercomputer clusters, enterprise databases, and business-critical, front-end server applications

Workstations

GPU optimized workstations specifically designed for the most demanding parallel processing intensive applications. With support for NVIDIA® Tesla® GPUs and Intel® Xeon® Phi™ Coprocessors provide cluster performance capabilities in a workstation form factor.

siliconmechanics.com/marketplace

Storage

High-density, powerful and expandable storage solutions to backup and protect important data.
- Maximum Performance, offering mission critical reliability with fully redundant, fault-tolerant architecture
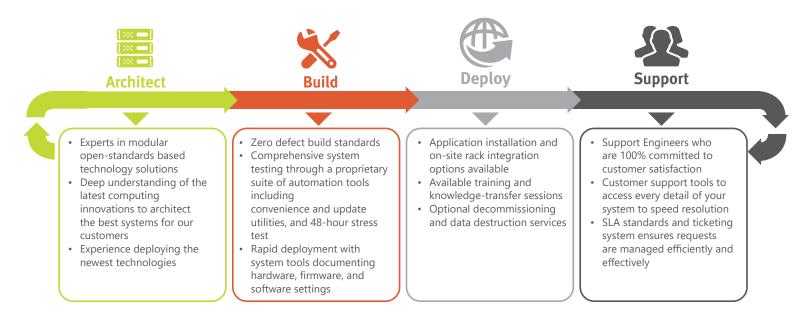
Warranty

- 3-year **Expert included.** Standard Warranty coverage
- Optional 4-year and 5-year Warranties
- Advanced Parts Replacement options available
- Expanded Support Services available

3 YEAR WARRANTY

Integrated **Expert included.** approach from start to finish

100% customer satisfaction throughout the customer journey is our mission. Our collaborative process steps customers through each phase of design, build,and deployment to ensure confidence and success. Our custom-built compute, HPC and Cloud solutions are designed for the unique infrastructure needs of our customers and are supported for the lifespan of the deployment.

Architect
- Experts in modular open-standards based technology solutions
- Deep understanding of the latest computing innovations to architect the best systems for our customers
- Experience deploying the newest technologies

Build
- Zero defect build standards
- Comprehensive system testing through a proprietary suite of automation tools including convenience and update utilities, and 48-hour stress test
- Rapid deployment with system tools documenting hardware, firmware, and software settings

Deploy
- Application installation and on-site rack integration options available
- Available training and knowledge-transfer sessions
- Optional decommissioning and data destruction services

Support
- Support Engineers who are 100% committed to customer satisfaction
- Customer support tools to access every detail of your system to speed resolution
- SLA standards and ticketing system ensures requests are managed efficiently and effectively

Empowering Innovations with Open-Technology Platforms

Engineering solutions for industry specific requirements

Solving complex technology infrastructure challenges for over 15 years

Partnering to deliver our board engineering experience

Ensuring solution quality through QA automation and manufacturing process

Delivering Service and Support offerings that add value beyond the out of box hardware and software solutions

Enabling Customer Innovations

University of Colorado Boulder — LINCOLN LABORATORY MASSACHUSETTS INSTITUTE OF TECHNOLOGY — ExxonMobil — NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE — Duke UNIVERSITY — DEPARTMENT OF THE NAVY UNITED STATES OF AMERICA — UNITED STATES SPECIAL OPERATIONS COMMAND — USDA — Bell — OpenDNS — FRED HUTCHINSON CANCER RESEARCH CENTER A LIFE OF SCIENCE — OAK RIDGE National Laboratory — BrightRoll — NYU — PennState — U.S. ARMY — mongoDB — Berkeley UNIVERSITY OF CALIFORNIA — VAN ANDEL RESEARCH INSTITUTE — efolder — W UNIVERSITY of WASHINGTON — LOCKHEED MARTIN — Lawrence Livermore National Laboratory — Microsoft

Hardware Building Blocks

SUPERMICRO — NVIDIA — intel — TYAN — AMD — APC — ASUS — EVGA — PNY — QCT Quanta CLOUD TECHNOLOGY — Server Technology Quality Rack Power Solutions — EMERSON

Storage Building Blocks

BROADCOM — WD — SEAGATE — HGST — Microsemi Power Matters. — Micron — lustre — SAMSUNG — SanDisk a Western Digital brand — SK hynix

Networking Building Blocks

Mellanox TECHNOLOGIES — QCT Quanta CLOUD TECHNOLOGY — Hewlett Packard Enterprise — BROCADE — intel — EMULEX — ARISTA — SIEMON

Software Building Blocks

redhat — intel Software — SUSE — SwiftStack — CANONICAL — Microsoft — OSNEXUS STORAGE MADE SIMPLE. — ceph — open-e — openstack CLOUD SOFTWARE — Bright Computing — nexenta — vmware — openindiana — Qumulo

SILICON MECHANICS
SERVERS • STORAGE • HPC
Expert included.