



SOLUTION BRIEF

Global System Integration Solutions

System Integration Solutions for rack infrastructure

We understand the complexities of the cloud and know how to build data center infrastructure. Your business requirements, technical specifications and time-to-market goals are the guiding principles for our tailored solutions. We offer rack-level data center integration and supply chain solutions optimized for quality, performance and total cost of ownership.

Our advantage

Our global scale, together with and a comprehensive scope of services, helps you seamlessly expand your data center capacity and footprint. Together with our highly experienced engineering staff, we integrate commercially available components from approved suppliers into solutions that balance your performance needs and optimize total cost of ownership.

- Industry-leading experience delivering fully-integrated data center infrastructure
- Global sourcing of trusted components from qualified vendors
- Best-in-class regional manufacturing and integration sites with unparalleled scale
- Worldwide distribution, service, repair and circular economy services
- Regional sites to support our customers' tax and trade strategies
- Engineering consultation to deliver high-performance technology solutions

Comprehensive scope and global scale

We help create end-to-end supply chain solutions for our customers. Our scope of services includes system integration, supplemental design services, manufacturing and global logistics. Additionally, we offer warranty service, repair and full circular economy solutions.

Global manufacturing and the complexities of tax, trade and regulations are more challenging than ever. We have the capabilities, global scale, physical infrastructure and logistical knowledge to help you grow globally. Unexpected events can slow the regional growth of your data centers. Expansion demands can spike suddenly. A flexible supply chain keeps you ready for anything. Our manufacturing and fulfillment presence around the world ensures that your supply chain is agile, scalable and reliable.

Rack infrastructure solutions

Flex rack infrastructure solutions are tailored to meet your needs to deliver outstanding flexibility, performance and value across a range of data center applications and workloads. Industry standard components from a broad array of trusted suppliers are used to improve cost effectiveness and supply chain resiliency. Flex will innovate based on your unique requirements to deliver a solution optimized for your application, producing a balance of performance, efficiency and cost. A recent cloud expansion project deployed racks with the following customized server.

Form factor	1U - Short depth chassis
Processor/sockets	Single socket AMD EPYC™ 7002 series
TDP	180W @ 35C ambient
Memory	16x DDR4 slots 2666Mhz
Storage	5x 2.5" hot-swap U.2 NVMe
Storage controller	U.2 NVMe
Network	Onboard 2x 1 GbE
Dedicated 1 GbE management	System power and system fault
Expansion	OCP 2.0 Type 2 x16 mezzanine
BMC	AST2500 with iKVM, IPMI, and Redfish support
TPM	TPM 2.0 header
Power	Single fixed 500W
Dimensions	H43.6mm (1.72") x W436mm (17.16") x D625mm (24.6")



Learn more at flex.com

Flex (reg. No. 199002645H) is the manufacturing partner of choice that helps a diverse customer base design and build products that improve the world. Through the collective strength of a global workforce across 30 countries and responsible, sustainable operations, Flex delivers technology innovation, supply chain, and manufacturing solutions to various industries and end markets. For more information, visit flex.com.