TURNKEY HIGH PERFORMANCE CLUSTERS POWERED BY AMD EPYC™

ENGINEERING LMX CLUSTER

Powered by ICC hardware, LMX Cloud software, our high performance turnkey Engineering Cluster features 3rd Generation AMD EPYC™ Processors, designed to accelerate CFD, FEA, and EDA workloads at scale.
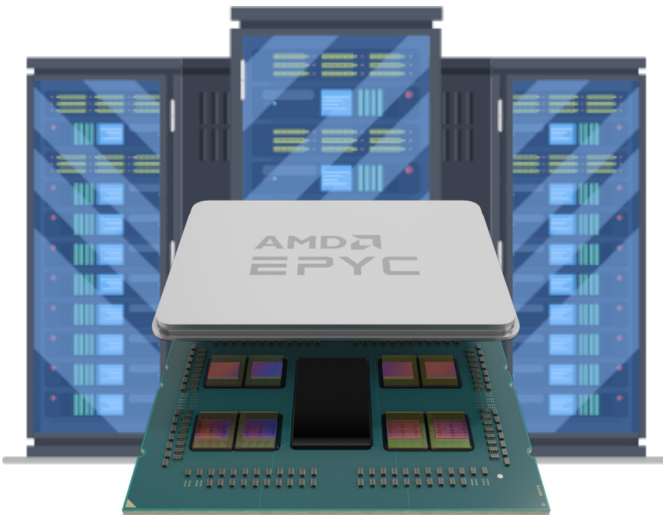
AMD

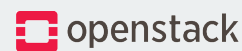| COMPUTATIONAL FLUID DYNAMICS	FINITE ELEMENT ANALYSIS	ELECTRONIC DESIGN AUTOMATION	COMPUTER AIDED ENGINEERING

- » Low, Medium and High-Spec Cluster Options
- » AMD EPYC™ 7003 Series Processors
- » AMD 3D V-Cache™ Technology
- » NVMe file Storage
- » High Speed Interconnect
- » Simulation Tools and Applications Repository
- » LMX Cloud Orchestration Software

TURNING HARDWARE INTO AN ENGINEERING CLUSTER

INTERNATIONAL COMPUTER CONCEPTS   AMD EPYC   define tech   openstack   Ansys

ACCELERATE YOUR PRODUCTIVITY WITH A PROCESSING BOOST

AMD EPYC™ 7003 SERIES PROCESSORS

- Designed to be the world's highest performance x86 server processors for technical computing
- Faster time-to-results on targeted workloads like EDA, CFD, and FEA software and solutions
- Take advantage of up to 96MB of L3 cache per CCD without sacrificing performance
- Optimize core usage, license costs and lower total cost-of-ownership.

INDUSTRY LEADING HARDWARE

- Featuring the latest and most powerful server architecture available on the market
- Low, medium, and high spec cluster solutions, optimized for Technical Computing
- Higher CPU core count accelerates design optimization, rendering and simulation

LMX CLOUD ORCHESTRATION SOFTWARE

- Log in via our easy-to-use, API-driven interface and simply request hardware resources required
- Featuring access to a portfolio of containerised data analytics, applications and tools that come pre-integrated and ready to run such as Ansys and OpenFOAM

Low Spec	Medium Spec	High Spec
1x NVIDIA SN2010 Switch	1x NVIDIA SN2410 Switch	1x NVIDIA SN2700 Switch
1x Deployment Node	1x Deployment Node	1x Deployment Node
1x GPU Node	1x Compute Node	1x Compute Node
1x Hyper-Converged Node	3x Controller Nodes	3x Controller Nodes
LMX Cloud Software	1x Storage Node	2x Storage Node
	1x GPU Node	2x GPU Node
	6x Ceph Storage Nodes	12x Ceph Storage Nodes
	LMX Cloud Software	LMX Cloud Software

International Computer Concepts (ICC) builds custom workstations to accelerate Design, Modeling, Rendering and Simulation workflows. Our solutions provides the fastest CPU performance at a competitive price.