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.

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
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